Scientist Development Grant

Abbott, Marcia BS,MS
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Western States Affiliate  
Institution: Chapman University  
City/State: Orange, CA  
Project Title: Role of interleukin-15 in reversing obesity-induced cardiovascular dysfunction  
Award Start Date: 7/1/2016  
Award End Date: 6/30/2019  
Total Years: 3  
Total Award Amount: $231,000

Abdelsaid, Mohammed BA,MS
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Greater Southeast Affiliate  
Institution: Augusta University  
City/State: Augusta, GA  
Project Title: Role of pericytes in diabetes-induced pathological cerebral neovascularization.  
Award Start Date: 7/1/2016  
Award End Date: 6/30/2019  
Total Years: 3  
Total Award Amount: $231,000

Abedini, Andisheh PhD
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Association Wide  
Institution: NYU Medical Center  
City/State: New York, NY  
Project Title: RAGE-mediated cellular pathways that exacerbate islet amyloidosis-induced beta-cell toxicity and diabetic complications  
Award Start Date: 1/1/2017  
Award End Date: 12/31/2019  
Total Years: 3  
Total Award Amount: $231,000

AbouAlaiwi, Wissam
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Great Rivers Affiliate  
Institution: University of Toledo Health Science Campus  
City/State: Toledo, OH  
Project Title: Role of myocyte primary cilia in cardiovascular disease  
Award Start Date: 7/1/2016  
Award End Date: 6/30/2019  
Total Years: 3  
Total Award Amount: $231,000

Adam, Alejandro PhD
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Association Wide  
Institution: Albany Medical Center  
City/State: Albany, NY  
Project Title: Synergy between Src Family Kinases and TNF-alpha signaling in the regulation of transendothelial migration  
Award Start Date: 7/1/2013  
Award End Date: 6/30/2017  
Total Years: 4  
Total Award Amount: $308,000

Ahmad, Shaad BA,PhD
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Midwest Affiliate  
Institution: Indiana State University, Terre Haute  
City/State: Terre Haute, IN  
Project Title: Genetic, Genomic and Computational Analyses of Cardiogenic Roles of Forkhead Transcription Factors  
Award Start Date: 7/1/2016  
Award End Date: 6/30/2019  
Total Years: 3  
Total Award Amount: $231,000

Airola, Michael BA,MS
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Association Wide  
Institution: SUNY, Stony Brook  
City/State: Stony Brook, NY  
Project Title: Structure and function of Lipins: key enzymes in triglyceride synthesis and metabolism  
Award Start Date: 1/1/2017  
Award End Date: 12/31/2019  
Total Years: 3  
Total Award Amount: $231,000
American Heart Association
Awardees by Program Type
Last Update: February 2017

Al alam, Denise PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: Children's Hospital Los Angeles City/State: Los Angeles, CA Project Title: Role of Rac1 in lung development Award Start Date: 7/1/2014 Award End Date: 6/30/2018 Total Years: 4 Total Award Amount: $308,000

Al Ghoulleh, Imad BSC,BA
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: University of Pittsburgh City/State: Pittsburgh, PA Project Title: The Roles of Nox1, EBP50 and Ask1 in Right Ventricular Hypertrophy Award Start Date: 7/1/2015 Award End Date: 6/30/2019 Total Years: 4 Total Award Amount: $308,000

Ambardekar, Amrut MD,BSE
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: University of Colorado Denver City/State: Denver, CO Project Title: Characterization of Contractile Response to the Duration and Degree of Unloading with a Left Ventricular Assist Device Award Start Date: 7/1/2013 Award End Date: 6/30/2017 Total Years: 4 Total Award Amount: $308,000

Amengual Terrasa, Jaime PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: New York University City/State: New York, NY Project Title: Regulation of atherosclerosis progression by beta-carotene Award Start Date: 1/1/2016 Award End Date: 12/31/2019 Total Years: 4 Total Award Amount: $308,000

Amini, Rouzbeh PhD,MS
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: University of Akron City/State: Akron, OH Project Title: Multistate Model of the Tricuspid Valve Repair Surgery Award Start Date: 1/1/2016 Award End Date: 6/30/2020 Total Years: 4 Total Award Amount: $308,000

Andres, Allen PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: Cedars-Sinai Medical Center City/State: Los Angeles, CA Project Title: Role of Mitophagy in Statin-Induced Skeletal Muscle Myopathy Award Start Date: 1/1/2015 Award End Date: 12/31/2018 Total Years: 4 Total Award Amount: $308,000

Ang, Yensin PhD,BS
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: Gladstone Institute, San Francisco City/State: San Francisco, CA Project Title: Mechanisms of GATA4 Gene Regulation in Human Cardiogenesis Award Start Date: 1/1/2017 Award End Date: 12/31/2019 Total Years: 3 Total Award Amount: $231,000

Annabi, Nasim PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Founders Affiliate
American Heart Association
Awardees by Program Type
Last Update: February 2017

Institution: Northeastern University, Boston  City/State: Boston, MA  Project Title: Engineering bioprintable Cardiac Tissues  Award Start Date: 7/1/2016  Award End Date: 6/30/2019  Total Years: 3  Total Award Amount: $231,000

Aromolaran, Ademuyiwa BSc,MSc
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Columbia University, New York  City/State: New York, NY  Project Title: HERG1/IKr Channel Trafficking and Functional Regulation in Heart  Award Start Date: 7/1/2013  Award End Date: 6/30/2017  Total Years: 4  Total Award Amount: $308,000

Aslan, Joseph PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Oregon Health & Science University, Portland  City/State: Portland, OR  Project Title: Rho GTPase regulation of cytoskeletal dynamics and platelet function  Award Start Date: 12/31/2019  Total Years: 3  Total Award Amount: $230,999

ATLURI, Pavan MD,BS
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: University of Pennsylvania  City/State: Philadelphia, PA  Project Title: Tissue Engineered Hydrogel Encapsulated Progenitor Cell Angiogenic Matrix to Treat Ischemic Heart Failure  Award Start Date: 7/1/2013  Award End Date: 6/30/2017  Total Years: 4  Total Award Amount: $308,000

Aubert, Virginie PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Loyola University Chicago  City/State: Chicago, IL  Project Title: Receptor trafficking regulation in hypothalamic neurons: a mechanism underlyng obesity and associated diseases  Award Start Date: 7/1/2014  Award End Date: 6/30/2018  Total Years: 4  Total Award Amount: $308,000

Austin, Susan BA,PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Mayo Clinic, Rochester  City/State: Rochester, MN  Project Title: Endothelial nitric oxide modulation of microglial phenotype in relation to Alzheimer's disease  Award Start Date: 7/1/2014  Award End Date: 12/31/2017  Total Years: 4  Total Award Amount: $308,000

Bagrintsev, Sviatoslav PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Yale University  City/State: New Haven, CT  Project Title: Studying a novel role for K2P channels as excitatory conduits in the heart and brain  Award Start Date: 1/1/2014  Award End Date: 12/31/2017  Total Years: 4  Total Award Amount: $308,000

Bakker, Jessie BSc,MSc
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Brigham & Women's Hospital  City/State: Boston, MA  Project Title: Expansion of the myocardial extracellular matrix in sleep apnea and diabetes  Award Start Date: 7/1/2014  Award End Date: 6/30/2018  Total Years: 4  Total Award Amount: $307,904
Ballinger, Megan PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Great Rivers Affiliate
Institution: The Ohio State University City/State: Columbus, OH Project Title: The role of macrophages in regulating pulmonary fibrosis Award Start Date: 7/1/2016 Award End Date: 6/30/2019 Total Years: 3 Total Award Amount: $231,000

Barth, Andreas MD PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Mid-Atlantic Affiliate
Institution: Johns Hopkins University School of Medicine City/State: Baltimore, MD Project Title: Linking Electrical and Metabolic Remodeling in the Failing Heart via Alternatively Splicing Award Start Date: 7/1/2016 Award End Date: 6/30/2019 Total Years: 3 Total Award Amount: $231,000

Bauer, Eileen BS,PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Great Rivers Affiliate
Institution: University of Pittsburgh City/State: Pittsburgh, PA Project Title: Hydroxychloroquine Blocks Autophagy and Pulmonary Hypertension Induced by HMGB1 Award Start Date: 7/1/2014 Award End Date: 6/30/2017 Total Years: 3 Total Award Amount: $231,000

Bauer, Robert BA,PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Great Rivers Affiliate
Institution: University of Pennsylvania City/State: Philadelphia, PA Project Title: Mechanisms of Tribbles1 Regulation of Lipogenesis and Plasma Lipids in Humans Award Start Date: 7/1/2016 Award End Date: 6/30/2019 Total Years: 3 Total Award Amount: $231,000

Betley, John Nicholas PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: University of Pennsylvania City/State: Philadelphia, PA Project Title: Identifying the neural circuits that inhibit weight loss Award Start Date: 1/1/2017 Award End Date: 12/31/2019 Total Years: 3 Total Award Amount: $231,000

Biancardi, Vinicia BA,MSc
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: Auburn University City/State: Auburn, AL Project Title: Ang II-TLR4 crosstalk promotes microglia activation and blood brain barrier disruption in neurogenic hypertension Award Start Date: 7/1/2014 Award End Date: 6/30/2018 Total Years: 4 Total Award Amount: $308,000

Bihl, Ji PhD,MD
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: Wright State University, Dayton City/State: Dayton, OH Project Title: Role of ACE2 over-expressing endothelial progenitor cells in cerebral hemorrhage Award Start Date: 1/1/2016 Award End Date: 12/31/2019 Total Years: 4 Total Award Amount: $308,000

Blaho, Victoria PhD
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<td>Founders Affiliate</td>
<td>Weill Medical College of Cornell University</td>
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<td>Role of endothelial cell S1P receptor 1 over-expression in deterioration of the bone marrow stem cell niche</td>
<td>1/1/2016</td>
<td>12/31/2018</td>
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<td>Boerckel, Joel PhD</td>
<td>Association Wide</td>
<td>University of Notre Dame</td>
<td>Notre Dame, IN</td>
<td>Microvascular Dysfunction in Heart Failure with Preserved Ejection Fraction</td>
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<td>6/30/2019</td>
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<td>Bopassa, Jean C. PhD, MA</td>
<td>Association Wide</td>
<td>University of Texas Health Science Center at San Antonio</td>
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<td>Novel Insights into Post-Ischemic Estrogen Cardioprotection Against I/R Injury</td>
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<td>Borazjani, Iman PhD</td>
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<td>Research Foundation of SUNY</td>
<td>Amherst, NY</td>
<td>Hemodynamics &amp; Optimum Placement of Mechanical versus Bio-prosthetic Heart Valves</td>
<td>6/30/2017</td>
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<td>Boudreau, Ryan PhD</td>
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<td>University of Iowa, Iowa City</td>
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<td>REGULATION AND ROLE OF MIR-200 IN HEART</td>
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<td>Boychuk, Carie PhD, BS</td>
<td>Association Wide</td>
<td>University of Kentucky, Lexington</td>
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<td>Neurosteroid Modulation Of Tonic GABAA Receptor Plasticity And Its Implications In Diabetes</td>
<td>1/1/2016</td>
<td>6/30/2020</td>
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<td>Boyle, Patrick BSC, PhD</td>
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American Heart Association
Awardees by Program Type
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**Institution:** Johns Hopkins University  **City/State:** Baltimore, MD  **Project Title:** Patient-specific modeling to unveil mechanistic insights on perpetuation and ablation of persistent atrial fibrillation  **Award Start Date:** 7/1/2016  **Award End Date:** 6/30/2019  **Total Years:** 3  **Total Award Amount:** $231,000

**Boyman, Liron PhD**  
**Program Type:** Scientist Development Grant/Portfolio  **Funding Source:** Association Wide  
**Institution:** University of Maryland, Baltimore  **City/State:** Baltimore, MD  **Project Title:** Mitochondrial Calcium Signaling in Heart; Physiological and Pathophysiological Implications  **Award Start Date:** 1/1/2015  **Award End Date:** 12/31/2018  **Total Years:** 4  **Total Award Amount:** $308,000

**Bridges, James PhD**  
**Program Type:** Scientist Development Grant/Portfolio  **Funding Source:** Association Wide  
**Institution:** Cincinnati Children's Hospital Medical Center  **City/State:** Cincinnati, OH  **Project Title:** Role of GPR116 in the Regulation of Alveolar Surfactant Pool Size  **Award Start Date:** 7/1/2013  **Award End Date:** 6/30/2017  **Total Years:** 4  **Total Award Amount:** $308,000

**Britt, Rodney PhD,BS**  
**Program Type:** Scientist Development Grant/Portfolio  **Funding Source:** Midwest Affiliate  
**Institution:** Mayo Clinic, Rochester  **City/State:** Rochester, MN  **Project Title:** Vitamin D Modulates Airway Contractility and Remodeling in Asthma  **Award Start Date:** 7/1/2016  **Award End Date:** 6/30/2019  **Total Years:** 3  **Total Award Amount:** $231,000

**Brown, Ashley PhD,BS**  
**Program Type:** Scientist Development Grant/Portfolio  **Funding Source:** Mid-Atlantic Affiliate  
**Institution:** North Carolina State University  **City/State:** Raleigh, NC  **Project Title:** Development of antimicrobial platelet-like particles for augmentation of hemostasis and advanced wound healing  **Award Start Date:** 7/1/2016  **Award End Date:** 6/30/2019  **Total Years:** 3  **Total Award Amount:** $231,000

**Bu, Lei PhD**  
**Program Type:** Scientist Development Grant/Portfolio  **Funding Source:** Association Wide  
**Institution:** New York University  **City/State:** New York, NY  **Project Title:** Modified mRNA-mediated genetic correction of Duchenne Muscular Dystrophy  **Award Start Date:** 7/1/2014  **Award End Date:** 6/30/2018  **Total Years:** 4  **Total Award Amount:** $308,000

**BUFORD, Thomas PhD**  
**Program Type:** Scientist Development Grant/Portfolio  **Funding Source:** Association Wide  
**Institution:** University of Florida, Gainesville  **City/State:** Gainesville, FL  **Project Title:** Multi-modal intervention to reduce cardiovascular risk among hypertensive older adults  **Award Start Date:** 7/1/2013  **Award End Date:** 6/30/2017  **Total Years:** 4  **Total Award Amount:** $308,000

**Buller, Benjamin BSE,PhD**  
**Program Type:** Scientist Development Grant/Portfolio  **Funding Source:** Association Wide  
**Institution:** Henry Ford Health System  **City/State:** Detroit, MI  **Project Title:** SRF promotes white matter remodeling after stroke  **Award Start Date:** 7/1/2013  **Award End Date:** 6/30/2017  **Total Years:** 4  **Total Award Amount:** $308,000
American Heart Association
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Bulley, Simon PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: University of Tennessee Health Science Center Memphis  City/State: Memphis, TN  Project Title: Role of TRPP2 channels in the regulation of arterial contractility  Award Start Date: 1/1/2016  Award End Date: 12/31/2019  Total Years: 4  Total Award Amount: $308,000

Burnette, Dylan PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Vanderbilt University  City/State: Nashville, TN  Project Title: Mechanisms of sarcomere assembly in healthy and diseased heart muscle cells  Award Start Date: 1/1/2017  Award End Date: 12/31/2019  Total Years: 3  Total Award Amount: $231,000

Cai, Yujun PhD,MS
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Beth Israel Deaconess Medical Center  City/State: Boston, MA  Project Title: Role of Phosphodiesterase 10 in Vascular Inflammation and Aortic Aneurysm  Award Start Date: 7/1/2013  Award End Date: 6/30/2017  Total Years: 4  Total Award Amount: $308,000

Calcagno, Claudia MD,PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Founders Affiliate
Institution: Icahn School of Medicine at Mount Sinai  City/State: New York, NY  Project Title: Quantitative permeability imaging of the mouse atherosclerotic vessel wall by self-gated DCE-MRI with compressed sensing  Award Start Date: 1/1/2016  Award End Date: 12/31/2018  Total Years: 3  Total Award Amount: $231,000

CALMETTES, Guillaume BS,MS
Program Type: Scientist Development Grant/Portfolio  Funding Source: Western States Affiliate
Institution: University of California, Los Angeles  City/State: Los Angeles, CA  Project Title: Glutamate dehydrogenase as a novel signaling source of mitochondrial reactive oxygen species during cardiac preconditioning  Award Start Date: 7/1/2016  Award End Date: 6/30/2019  Total Years: 3  Total Award Amount: $231,000

Camirand, Geoffrey BS,MSc
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: University of Pittsburgh  City/State: Pittsburgh, PA  Project Title: Mechanisms and Promotion of CD4+ Regulatory T Cell Intra-graft Suppressor Function in Allograft Tolerance  Award Start Date: 1/1/2016  Award End Date: 12/31/2019  Total Years: 4  Total Award Amount: $308,000

Cannone, Valentina MD,PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Midwest Affiliate
Institution: Mayo Clinic, Rochester  City/State: Rochester, MN  Project Title: Hypertension in Metabolic Syndrome: Natriuretic Peptide-Based Therapy and Pharmacogenetics  Award Start Date: 7/1/2016  Award End Date: 6/30/2019  Total Years: 3  Total Award Amount: $231,000

Caswell, Clayton PhD
American Heart Association
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**Program Type:** Scientist Development Grant/Portfolio  **Funding Source:** Association Wide

**Institution:** Virginia Polytechnic Institute  **City/State:** Blacksburg, VA  **Project Title:** Characterizing virulence-associated small RNAs of Brucella abortus  **Award Start Date:** 1/1/2015  **Award End Date:** 12/31/2018  **Total Years:** 4  **Total Award Amount:** $308,000

**Catania, Selen PhD**

**Program Type:** Scientist Development Grant/Portfolio  **Funding Source:** Association Wide

**Institution:** University of Maryland, Baltimore  **City/State:** Baltimore, MD  **Project Title:** Role of LRP1 in Regulating Aneurysm Formation & Inflammation in the Vasculature  **Award Start Date:** 6/30/2015  **Award End Date:** 6/30/2019  **Total Years:** 4  **Total Award Amount:** $308,000

**Cavallero, Carmen PhD,MS**

**Program Type:** Scientist Development Grant/Portfolio  **Funding Source:** Western States Affiliate

**Institution:** University of Southern California  **City/State:** Los Angeles, CA  **Project Title:** Molecular Pathways for Organ Specific Vascular Maturation  **Award Start Date:** 7/1/2016  **Award End Date:** 6/30/2019  **Total Years:** 3  **Total Award Amount:** $231,000

**Cerrone, Marina MD**

**Program Type:** Scientist Development Grant/Portfolio  **Funding Source:** Association Wide

**Institution:** New York University  **City/State:** New York, NY  **Project Title:** Functional characterization of plakophilin-2 mutations in Arrhythmogenic Cardiomyopathy  **Award Start Date:** 1/1/2014  **Award End Date:** 12/31/2017  **Total Years:** 4  **Total Award Amount:** $308,000

**Chakravarti, Ritu PhD, MSc**

**Program Type:** Scientist Development Grant/Portfolio  **Funding Source:** Great Rivers Affiliate

**Institution:** University of Toledo Health Science Campus  **City/State:** Toledo, OH  **Project Title:** Novel Determinants of Large Vessel Vasculitis  **Award Start Date:** 1/1/2015  **Award End Date:** 12/31/2017  **Total Years:** 3  **Total Award Amount:** $231,000

**Chang, Audrey PhD, BS**

**Program Type:** Scientist Development Grant/Portfolio  **Funding Source:** Association Wide

**Institution:** University of Texas Southwestern Medical Center  **City/State:** Dallas, TX  **Project Title:** Cell signaling mechanisms to cardiac myosin phosphorylation  **Award Start Date:** 1/1/2017  **Award End Date:** 12/31/2019  **Total Years:** 3  **Total Award Amount:** $231,000

**Chattopadhyay, Saurabh PhD**

**Program Type:** Scientist Development Grant/Portfolio  **Funding Source:** Great Rivers Affiliate

**Institution:** Cleveland Clinic Foundation  **City/State:** Cleveland, OH  **Project Title:** Innate immune responses against respiratory virus infection  **Award Start Date:** 7/1/2015  **Award End Date:** 6/30/2018  **Total Years:** 3  **Total Award Amount:** $231,000

**CHEN, Lei MD, PhD**

**Program Type:** Scientist Development Grant/Portfolio  **Funding Source:** Association Wide
### American Heart Association
### Awardees by Program Type
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<tr>
<th>Institution</th>
<th>City/State</th>
<th>Project Title</th>
<th>Award Start Date</th>
<th>Award End Date</th>
<th>Total Years</th>
<th>Total Award Amount</th>
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<tbody>
<tr>
<td>Icahn School of Medicine at Mount Sinai</td>
<td>New York, NY</td>
<td>Smad 1 inhibition attenuates cerebral ischemia-reperfusion damage and promotes brain repair from neural stem cells</td>
<td>7/1/2014</td>
<td>6/30/2018</td>
<td>4</td>
<td>$308,000</td>
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<tr>
<td>New York University</td>
<td>New York, NY</td>
<td>Nanotopography-dependent neural induction of human induced pluripotent stem cells for post stroke neural rehabilitation</td>
<td>7/1/2016</td>
<td>6/30/2019</td>
<td>3</td>
<td>$231,000</td>
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<td>Albert Einstein College of Medicine</td>
<td>Bronx, NY</td>
<td>Regulation of mitochondrial function by chaperone mediated autophagy as a new mechanism in heart failure</td>
<td>1/1/2017</td>
<td>12/31/2019</td>
<td>3</td>
<td>$231,000</td>
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<td>Temple University</td>
<td>Philadelphia, PA</td>
<td>Calpain mediated endothelial dysfunction in hyperhomocysteinemia and hyperglycemia</td>
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<td>Scripps Research Institute</td>
<td>La Jolla, CA</td>
<td>The role of Perm 1 in integrating and transducing contraction-induced signals to adaptive responses in skeletal muscle</td>
<td>1/1/2014</td>
<td>12/31/2017</td>
<td>4</td>
<td>$308,000</td>
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<td>Vanderbilt University Medical Center</td>
<td>Nashville, TN</td>
<td>Regulation of Nox1-dependent TNF-alpha signaling by endocytosis and MAPKs in vascular smooth muscle cells</td>
<td>7/1/2016</td>
<td>6/30/2019</td>
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<td>Boston Children's Hospital</td>
<td>Boston, MA</td>
<td>Lamin-B2: a new regulator of heart muscle cell proliferation for developing regenerative therapies for heart failure</td>
<td>1/1/2017</td>
<td>12/31/2019</td>
<td>3</td>
<td>$231,000</td>
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<td>Wayne State University</td>
<td>Detroit, MI</td>
<td>Mechanisms of Diastolic Relaxation in Normal and Diseased Hearts</td>
<td>7/1/2014</td>
<td>6/30/2018</td>
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<td>$308,000</td>
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COCCHI, Michael BA,MD
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: Beth Israel Deaconess Medical Center City/State: Boston, MA Project Title: Esmolol to Treat the Cardiovascular Effects of Septic Shock Award Start Date: 1/1/2015 Award End Date: 12/31/2018 Total Years: 4 Total Award Amount: $308,000

Cockburn, Darrell BSC,PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: University of Michigan City/State: Ann Arbor, MI Project Title: Developing resistant starch as an individualized intervention to prevent cardiovascular disease Award Start Date: 1/1/2017 Award End Date: 12/31/2019 Total Years: 3 Total Award Amount: $231,000

Conway, Daniel PhD,BS
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: Virginia Commonwealth University, Richmond City/State: Richmond, VA Project Title: Role of VE-cadherin and PECAM-1 tension in endothelial cell barrier function, mechanotransduction, and wound repair Award Start Date: 1/1/2016 Award End Date: 12/31/2019 Total Years: 4 Total Award Amount: $308,000

Coon, Brian PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: Yale University City/State: New Haven, CT Project Title: Functional Screens of Athero-prone and Athero-resistant Shear Stress Pathways Award Start Date: 1/1/2017 Award End Date: 12/31/2019 Total Years: 3 Total Award Amount: $229,599

Cordero-Morales, Julio BS,PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Greater Southeast Affiliate
Institution: University of Tennessee Health Science Center Memphis City/State: Memphis, TN Project Title: ELUCIDATING THE MECHANISM OF TRPV4 ACTIVATION AND ITS ROLE IN VASCULAR FUNCTION Award Start Date: 7/1/2015 Award End Date: 6/30/2018 Total Years: 3 Total Award Amount: $231,000

Costa, Blaise BS,MS
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: Virginia College of Osteopathic Medicine City/State: Blacksburg, VA Project Title: Development and Pharmacological Characterization of Mechanistically Distinct NMDA Receptor Allosteric Modulators Award Start Date: 1/1/2016 Award End Date: 6/30/2020 Total Years: 4 Total Award Amount: $308,000

Courties, Gabriel PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Founders Affiliate
Institution: Massachusetts General Hospital City/State: Boston, MA Project Title: Regulatory T cells resolve MI-induced emergency hematopoiesis Award Start Date: 7/1/2016 Award End Date: 6/30/2019 Total Years: 3 Total Award Amount: $231,000
American Heart Association
Awardees by Program Type
Last Update: February 2017

Covassin, Naima  
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide  
**Institution:** Mayo Clinic, Rochester  
**City/State:** Rochester, MN  
**Project Title:** Lowering blood pressure by sleep extension: a randomized, controlled trial  
**Award Start Date:** 1/1/2016  
**Award End Date:** 12/31/2019  
**Total Years:** 4  
**Total Award Amount:** $308,000

Crespo, Noe  
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide  
**Institution:** Arizona State University, Tempe  
**City/State:** Tempe, AZ  
**Project Title:** Community-academic partnership to promote cardiovascular health among underserved children and families  
**Award Start Date:** 7/1/2014  
**Award End Date:** 6/30/2018  
**Total Years:** 4  
**Total Award Amount:** $307,837

Cudmore, Robert  
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide  
**Institution:** Johns Hopkins University School of Medicine  
**City/State:** Baltimore, MD  
**Project Title:** Longitudinal in vivo two-photon imaging of cerebral vascular plasticity following stroke in awake, behaving young and adult  
**Award Start Date:** 1/1/2016  
**Award End Date:** 6/30/2020  
**Total Years:** 4  
**Total Award Amount:** $308,000

Cui, Shuaiying  
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide  
**Institution:** Boston Medical Center  
**City/State:** Boston, MA  
**Project Title:** LSD1 Inhibition for the treatment of beta-globin disorders  
**Award Start Date:** 7/1/2013  
**Award End Date:** 6/30/2017  
**Total Years:** 4  
**Total Award Amount:** $308,000

Cui, Xiaobing  
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide  
**Institution:** University of Georgia, Athens  
**City/State:** Athens, GA  
**Project Title:** Response gene to complement 32 in pulmonary arterial hypertension  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2019  
**Total Years:** 3  
**Total Award Amount:** $231,000

Cummings, Kevin  
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide  
**Institution:** University of Missouri, Columbia  
**City/State:** Columbia, MO  
**Project Title:** The role of serotonin in cardiovascular recovery from severe hypoxia  
**Award Start Date:** 1/1/2014  
**Award End Date:** 12/31/2017  
**Total Years:** 4  
**Total Award Amount:** $308,000

Das, Samarjit  
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide  
**Institution:** Johns Hopkins University School of Medicine  
**City/State:** Baltimore, MD  
**Project Title:** Novel Insights into the Role of Mitochondrial microRNA in Heart Disease  
**Award Start Date:** 12/31/2017  
**Total Years:** 4  
**Total Award Amount:** $308,000

Das, Aditi  
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide
Institution: University of Illinois, Champaign-Urbana  City/State: Urbana, IL  Project Title: Biochemical mechanism of CYP2J2 epoxygenase  Award Start Date: 7/1/2015  Award End Date: 6/30/2019  Total Years: 4  Total Award Amount: $308,000

Davalos, Dimitrios MSc, PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Cleveland Clinic Foundation  City/State: Cleveland, OH  Project Title: In vivo imaging of microglial responses to blood clotting factors  Award Start Date: 7/1/2013  Award End Date: 6/30/2017  Total Years: 4  Total Award Amount: $308,000

Dave, Jaydev BS, MS
Program Type: Scientist Development Grant/Portfolio  Funding Source: Great Rivers Affiliate
Institution: Thomas Jefferson University  City/State: Philadelphia, PA  Project Title: Noninvasive, Subharmonic Intra-Cardiac Pressure Measurement  Award Start Date: 7/1/2015  Award End Date: 6/30/2018  Total Years: 3  Total Award Amount: $231,000

DE CASTRO BRAS, Lisandra PhD, BSC
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: East Carolina University  City/State: Greenville, NC  Project Title: MMP-9 Generated Collagen C-peptide Roles in Post-myocardial Infarction Remodeling  Award Start Date: 1/1/2014  Award End Date: 12/31/2017  Total Years: 4  Total Award Amount: $308,000

DeMartino, Randall MD, MS
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Mayo Clinic, Rochester  City/State: Rochester, MN  Project Title: Contemporary Epidemiological Study of Incidence, Outcomes, and Resource Utilization for Acute Aortic Syndrome  Award Start Date: 1/1/2016  Award End Date: 6/30/2020  Total Years: 4  Total Award Amount: $307,925

Deng, Tuo PhD, BS
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Houston Methodist Hospital  City/State: Houston, TX  Project Title: Adipocyte MHCII function and its regulation by PPAR-gamma  Award Start Date: 1/1/2014  Award End Date: 12/31/2017  Total Years: 4  Total Award Amount: $308,000

Dhar, Shanta PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: University of Miami, Miami  City/State: Coral Gables, FL  Project Title: A high-density lipoprotein mimicking synthetic nanoparticle platform for atherosclerosis  Award Start Date: 1/1/2014  Award End Date: 12/31/2017  Total Years: 4  Total Award Amount: $308,000

Ding, Yonghe PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Mayo Clinic, Rochester  City/State: Rochester, MN  Project Title: Identifying Genetic Modifiers for Cardiomyopathy via Mutagenesis Screening  Award Start Date: 1/1/2014  Award End Date: 12/31/2017  Total Years: 4  Total Award Amount: $308,000
Diop, Soda PhD, MS
Program Type: Scientist Development Grant/Portfolio  Funding Source: Western States Affiliate  
Institution: Sanford Burnham Prebys Medical Discovery Institute, La Jolla  City/State: La Jolla, CA  
Title: Mechanisms of diet-induced diabetic cardiomyopathy in the Drosophila heart model  
Award Start Date: 7/1/2016  Award End Date: 6/30/2019  Total Years: 3  Total Award Amount: $231,000

Dixon, Rose BS, PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide  
Institution: University of California, Davis  City/State: Davis, CA  
Project Title: Cardiac EC coupling: Many L-type Ca2+ channels make sparks work.  
Award Start Date: 7/1/2015  Award End Date: 6/30/2019  Total Years: 4  Total Award Amount: $308,000

Dorfman, Mauricio PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide  
Institution: University of Washington, Seattle  City/State: Seattle, WA  
Project Title: Sex-specific microglial signaling in the pathogenesis of obesity and diabetes  
Award Start Date: 1/1/2016  Award End Date: 12/31/2019  Total Years: 4  Total Award Amount: $308,000

Du, Jianyang PhD, BS
Program Type: Scientist Development Grant/Portfolio  Funding Source: Midwest Affiliate  
Institution: University of Iowa, Iowa City  City/State: Iowa City, IA  
Project Title: Acid sensing ion channel 1a contributes to synaptic transmission and plasticity in ischemia  
Award Start Date: 7/1/2015  Award End Date: 6/30/2018  Total Years: 3  Total Award Amount: $214,500

Durgan, David BS, MS
Program Type: Scientist Development Grant/Portfolio  Funding Source: SouthWest Affiliate  
Institution: Baylor College of Medicine, Houston  City/State: Houston, TX  
Project Title: The role of the gut microbiome in obstructive sleep apnea induced hypertension  
Award Start Date: 7/1/2016  Award End Date: 6/30/2019  Total Years: 3  Total Award Amount: $231,000

Elrod, John PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide  
Institution: Temple University  City/State: Philadelphia, PA  
Project Title: Investigation of a novel mitochondrial sodium/calcium exchanger and its role in heart failure  
Award Start Date: 1/1/2014  Award End Date: 12/31/2017  Total Years: 4  Total Award Amount: $308,000

Else, Tobias MD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide  
Institution: University of Michigan Medical Center  City/State: Ann Arbor, MI  
Project Title: Autoimmunity as a cause of primary aldosteronism (PA)  
Award Start Date: 1/1/2014  Award End Date: 12/31/2017  Total Years: 4  Total Award Amount: $308,000

Fairfax, Keke PhD
Fan, Yanbo MD, PhD
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Association Wide  
Institution: Purdue University, West Lafayette  
City/State: West Lafayette, IN  
Project Title: Understanding the Development of the Liver B Cell Compartment During Schistosomiasis: Development of a Novel Vaccine  
Award Start Date: 1/1/2014  
Award End Date: 12/31/2017  
Total Years: 4  
Total Award Amount: $308,000

Fan, Zhaoyang PhD, MSc
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Association Wide  
Institution: University of Michigan  
City/State: Ann Arbor, MI  
Project Title: Protective role of KLF11 in diabetic vascular lesion formation  
Award Start Date: 7/1/2014  
Award End Date: 6/30/2018  
Total Years: 4  
Total Award Amount: $308,000

Faraco, Giuseppe MD, PhD
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Founders Affiliate  
Institution: Weill Medical College of Cornell University  
City/State: New York, NY  
Project Title: Role of Innate Immune Cells in Angiotensin II-induced Neurovascular Dysfunction  
Award Start Date: 1/1/2015  
Award End Date: 12/31/2017  
Total Years: 3  
Total Award Amount: $231,000

Farkas, Laszlo MD
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Association Wide  
Institution: Virginia Commonwealth University, Richmond  
City/State: Richmond, VA  
Project Title: NF-kappaB in severe pulmonary arterial hypertension  
Award Start Date: 7/1/2013  
Award End Date: 6/30/2017  
Total Years: 4  
Total Award Amount: $308,000

Faustino, Randolph BSC, PhD
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Midwest Affiliate  
Institution: Mayo Clinic, Rochester  
City/State: Rochester, MN  
Project Title: Nucleoporin-driven cardiogenesis: Epigenomic role of NUP155 in cardiac specification  
Award Start Date: 7/1/2014  
Award End Date: 6/30/2017  
Total Years: 3  
Total Award Amount: $214,500

Feng, Wuwei MD, MS
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Association Wide  
Institution: Medical University of South Carolina  
City/State: Charleston, SC  
Project Title: Prediction and Imaging Biomarker for Post-Stroke Motor Recovery  
Award Start Date: 1/1/2014  
Award End Date: 12/31/2017  
Total Years: 4  
Total Award Amount: $308,000

Feng, Wenguang MD, PhD
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Association Wide
American Heart Association  
Awardees by Program Type  
Last Update: February 2017

**Institution:** University of Alabama at Birmingham  
**City/State:** Birmingham, AL  
**Project Title:** The Role of Transcription Factor ETS-1 in Arteriovenous Fistula Neointimal Hyperplasia  
**Award Start Date:** 7/1/2015  
**Award End Date:** 6/30/2019  
**Total Years:** 4  
**Total Award Amount:** $308,000

**Ferguson, Jane  BA,PhD**  
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Greater Southeast Affiliate  
**Institution:** Vanderbilt University Medical Center  
**City/State:** Nashville, TN  
**Project Title:** Microbiome and Dietary Signatures of Cardiometabolic Health  
**Award Start Date:** 7/1/2015  
**Award End Date:** 6/30/2018  
**Total Years:** 3  
**Total Award Amount:** $231,000

**Fernandez-Mendoza, Julio  PhD**  
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide  
**Institution:** Pennsylvania State University, Hershey  
**City/State:** Hershey, PA  
**Project Title:** Interplay of Short Sleep Duration and Cognitive Impairment on Cardiovascular Disease and Stroke Mortality  
**Award Start Date:** 7/1/2014  
**Award End Date:** 6/30/2018  
**Total Years:** 4  
**Total Award Amount:** $304,621

**Flores Toque, Haroldo  PhD**  
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide  
**Institution:** Augusta University  
**City/State:** Augusta, GA  
**Project Title:** Role of Arginase I in Diabetes-Induced Endothelial Cell Senescence  
**Award Start Date:** 7/1/2013  
**Award End Date:** 6/30/2017  
**Total Years:** 4  
**Total Award Amount:** $308,000

**Folker, Eric  PhD**  
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Founders Affiliate  
**Institution:** Boston College, Chestnut Hill  
**City/State:** Chestnut Hill, MA  
**Project Title:** The importance of nuclear position to Emery-Dreifuss Muscular Dystrophy  
**Award Start Date:** 1/1/2015  
**Award End Date:** 12/31/2017  
**Total Years:** 3  
**Total Award Amount:** $231,000

**Fontanesi, Flavia  PhD,BS**  
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide  
**Institution:** University of Miami, Miami  
**City/State:** Coral Gables, FL  
**Project Title:** Mitochondrial Respirosome Assembly in Physiological and Stress Conditions Associated with Cardiovascular Disease  
**Award Start Date:** 7/1/2014  
**Award End Date:** 6/30/2018  
**Total Years:** 4  
**Total Award Amount:** $308,000

**Fox, Donald  PhD,BS**  
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Mid-Atlantic Affiliate  
**Institution:** Duke University Durham  
**City/State:** Durham, NC  
**Project Title:** Hypertrophy vs. Proliferation following tissue injury: A Drosophila model  
**Award Start Date:** 7/1/2015  
**Award End Date:** 6/30/2018  
**Total Years:** 3  
**Total Award Amount:** $231,000

**Frank, Kristi  BS,BS**  
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide  
**Institution:** The Henry M Jackson Foundation for the Advancement of Military Medicine  
**City/State:** Bethesda, MD  
**Project Title:** Role of Enterococcus faecalis pstB1 transcriptional activation in endocarditis and biofilm
Fu, Yingli  BS,ME
Program Type: Scientist Development Grant/Portfolio  Funding Source: Mid-Atlantic Affiliate
Institution: Johns Hopkins University School of Medicine  City/State: Baltimore, MD  Project Title: High-throughput generation of image-visible embolic microcapsules for obesity treatment  Award Start Date: 7/1/2016  Award End Date: 6/30/2019  Total Years: 3  Total Award Amount: $231,000

Fujikawa, Teppei  PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: University of Texas Southwestern Medical Center  City/State: Dallas, TX  Project Title: A hypothalamic pathway mediates anti-type 1 diabetes actions of leptin  Award Start Date: 1/1/2014  Award End Date: 12/31/2017  Total Years: 4  Total Award Amount: $308,000

Fukunaga, Ryuya  PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Johns Hopkins University School of Medicine  City/State: Baltimore, MD  Project Title: Regulatory mechanisms in small RNA silencing  Award Start Date: 1/1/2015  Award End Date: 12/31/2018  Total Years: 4  Total Award Amount: $308,000

Fuster Ortuno, Jose  BS,PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Boston University Medical Campus  City/State: Boston, MA  Project Title: Role of age-associated TET2 mutations in atherosclerosis  Award Start Date: 1/1/2017  Award End Date: 12/31/2019  Total Years: 3  Total Award Amount: $231,000

Galam, Lakshmi  PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: University of South Florida, Tampa  City/State: Tampa, FL  Project Title: Role of SOCS-1 mediated Siah2 regulation in acute lung injury  Award Start Date: 1/1/2017  Award End Date: 12/31/2019  Total Years: 3  Total Award Amount: $231,000

Galie, Peter  BS,MS
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Rowan University  City/State: Glassboro, NJ  Project Title: Establishing a mechanistic link between cerebral blood flow and the blood-brain barrier  Award Start Date: 1/1/2017  Award End Date: 12/31/2019  Total Years: 3  Total Award Amount: $216,150

Ganta, Vijay  PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Mid-Atlantic Affiliate
Institution: University of Virginia, Charlottesville  City/State: Charlottesville, VA  Project Title: Modulation of Anti-angiogenic VEGFxxxb Reveals Novel VEGF Signaling in Peripheral Arterial Disease  Award Start Date: 7/1/2016  Award End Date: 6/30/2019  Total Years: 3  Total Award Amount: $231,000
American Heart Association
Awardees by Program Type
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Ganusov, Vitaly PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: University of Tennessee, Knoxville City/State: Knoxville, TN Project Title: Modeling escape of HIV from CD8 T cell responses Award Start Date: 7/1/2013 Award End Date: 6/30/2017 Total Years: 4 Total Award Amount: $301,016

Gao, Zhonghua PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: Pennsylvania State University, Hershey City/State: Hershey, PA Project Title: Regulation of ES Cell Cardiac Differentiation by PRC1 Complexes Award Start Date: 1/1/2017 Award End Date: 12/31/2019 Total Years: 3 Total Award Amount: $231,000

Garcia-Bonilla, Lidia PhD,BCH
Program Type: Scientist Development Grant/Portfolio Funding Source: Founders Affiliate
Institution: Weill Medical College of Cornell University City/State: New York, NY Project Title: Role of brain endothelial CD36 in neutrophil-induced post-ischemic inflammatory injury Award Start Date: 7/1/2016 Award End Date: 6/30/2019 Total Years: 3 Total Award Amount: $231,000

Gelfand, Bradley PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: University of Kentucky College of Medicine City/State: Lexington, KY Project Title: Micro-RNA independent Dicer signaling in inflammation and atherosclerosis Award Start Date: 7/1/2013 Award End Date: 6/30/2017 Total Years: 4 Total Award Amount: $308,000

Giani, Jorge BS,BS
Program Type: Scientist Development Grant/Portfolio Funding Source: Western States Affiliate
Institution: Cedars-Sinai Medical Center City/State: Los Angeles, CA Project Title: Mechanism by which intrarenal ACE affects salt sensitivity Award Start Date: 7/1/2016 Award End Date: 6/30/2019 Total Years: 3 Total Award Amount: $231,000

Gilk, Stacey PhD,BS
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: Indiana University, Indianapolis City/State: Indianapolis, IN Project Title: Role of cholesterol in host cell colonization by the Q fever agent Coxiella burnetii Award Start Date: 1/1/2014 Award End Date: 12/31/2017 Total Years: 4 Total Award Amount: $308,000

Glukhov, Alexey BS,MSc
Program Type: Scientist Development Grant/Portfolio Funding Source: Midwest Affiliate
Institution: University of Wisconsin, Madison City/State: Madison, WI Project Title: The role of compartmentalized regulation of calcium signalling in atrial remodelling in heart failure Award Start Date: 7/1/2016 Award End Date: 6/30/2019 Total Years: 3 Total Award Amount: $231,000

Gnana-Prakasam, Jaya Pranava PhD
American Heart Association
Awardees by Program Type
Last Update: February 2017

Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: St. Louis University City/State: Saint Louis, MO Project Title: Regulation of Renin-Angiotensin System by Iron in Diabetic Retinopathy Award Start Date: 7/1/2014 Award End Date: 6/30/2018 Total Years: 4 Total Award Amount: $308,000

Goergen, Craig PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: Purdue University, West Lafayette City/State: West Lafayette, IN Project Title: Photoacoustic Imaging of Abdominal Aortic Aneurysms Award Start Date: 1/1/2014 Award End Date: 12/31/2017 Total Years: 4 Total Award Amount: $308,000

Gomez, Delphine BS,MSc
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: University of Virginia, Charlottesville City/State: Charlottesville, VA Project Title: Epigenetic control of Vascular Smooth Muscle cell Lineage Memory Award Start Date: 7/1/2015 Award End Date: 6/30/2019 Total Years: 4 Total Award Amount: $308,000

Gomez, Jose PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Greater Southeast Affiliate
Institution: Vanderbilt University Medical Center City/State: Nashville, TN Project Title: New role of Sox6 in renin expression during Juxtaglomerular cell expansion Award Start Date: 7/1/2016 Award End Date: 6/30/2019 Total Years: 3 Total Award Amount: $231,000

GONG, YONGFENG PhD,MD
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: Washington University, School of Medicine City/State: Saint Louis, MO Project Title: Claudin, Chloride Metabolism and Blood Pressure Regulation Award Start Date: 1/1/2017 Award End Date: 12/31/2019 Total Years: 3 Total Award Amount: $231,000

GOO, Younghwa PhD,MS
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: Albany Medical Center City/State: Albany, NY Project Title: Investigation of foam cell formation and atherosclerosis development in LDAH deficient mice Award Start Date: 7/1/2014 Award End Date: 6/30/2018 Total Years: 4 Total Award Amount: $308,000

Goulopoulou, Styliani PhD,MS
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: University of North Texas Health Science Center, Fort Worth City/State: Fort Worth, TX Project Title: Placenta-derived mitochondrial DNA and maternal vascular dysfunction during pregnancy Award Start Date: 7/1/2013 Award End Date: 6/30/2017 Total Years: 4 Total Award Amount: $308,000

Grandi, Eleonora PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
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<td>University of California, Davis</td>
<td>Davis, CA</td>
<td>Cross-talk of Ca, CaMKII, and beta-adrenergic signaling in atrial fibrillation</td>
<td>7/1/2015</td>
<td>6/30/2019</td>
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<td>Pennsylvania State University, University Park</td>
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<td>Mechanisms of peripheral vascular dysfunction in human depression</td>
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<td>Medical University of South Carolina</td>
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<td>Personalized Prevention of CVD: Role of Genetics, Stress, and Behavioral Factors</td>
<td>7/1/2015</td>
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<td>University of Maryland, Baltimore</td>
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<td>Altered Mechano-Transduction as a Novel Arrhythmogenic Mechanism in Atrial Fibrillation</td>
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<td>Beta-Adrenergic Receptor Regulation of Inflammation in the Damaged Heart</td>
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<td>12/31/2019</td>
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<td>Cleveland Clinic Foundation</td>
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<td>Mechanisms of cellular lipid homeostasis and nascent HDL formation.</td>
<td>7/1/2015</td>
<td>6/30/2019</td>
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<td>Massachusetts General Hospital</td>
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<td>Tbx1 Regulation of Pharyngeal Arch Artery Development in Zebrafish</td>
<td>1/1/2014</td>
<td>12/31/2017</td>
<td>4</td>
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Institution: University of Michigan Medical Center  City/State: Ann Arbor, MI  Project Title: KLF14 induces atherosclerosis regression by enhancing reverse cholesterol transport  Award Start Date: 7/1/2015  Award End Date: 6/30/2019  Total Years: 4  Total Award Amount: $308,000

Guo, Ang  BS,PhD  
Program Type: Scientist Development Grant/Portfolio  Funding Source: Midwest Affiliate  
Institution: University of Iowa, Iowa City  City/State: Iowa City, IA  Project Title: Novel functions of posttranslationally processed Junctophilin-2  Award Start Date: 7/1/2016  Award End Date: 6/30/2019  Total Years: 3  Total Award Amount: $231,000

Hammer, Neal  PhD,MS  
Program Type: Scientist Development Grant/Portfolio  Funding Source: Midwest Affiliate  
Institution: Michigan State University  City/State: East Lansing, MI  Project Title: Defining the factors that impact the respiratory activity of Staphylococcus aureus  Award Start Date: 7/1/2016  Award End Date: 6/30/2019  Total Years: 3  Total Award Amount: $231,000

HAN, Jingyan  BS,MS  
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide  
Institution: Boston University Medical Campus  City/State: Boston, MA  Project Title: The role of glutaredoxin-1 in the endothelial barrier regulation and atherosclerosis  Award Start Date: 7/1/2014  Award End Date: 6/30/2018  Total Years: 4  Total Award Amount: $308,000

HAN, Xiaoning  PhD,MD  
Program Type: Scientist Development Grant/Portfolio  Funding Source: Mid-Atlantic Affiliate  
Institution: Johns Hopkins University School of Medicine  City/State: Baltimore, MD  Project Title: Role of Secreted Frizzled-related Protein 3 in Regulation of Inflammation after Intracerebral Hemorrhage  Award Start Date: 7/1/2016  Award End Date: 6/30/2019  Total Years: 3  Total Award Amount: $231,000

Hariharan, Nirmala  BS,MSc  
Program Type: Scientist Development Grant/Portfolio  Funding Source: Western States Affiliate  
Institution: University of California, Davis  City/State: Davis, CA  Project Title: Myocardial Aging and Regeneration: Recapitulating Human Biology Using Wild Mice  Award Start Date: 7/1/2016  Award End Date: 6/30/2019  Total Years: 3  Total Award Amount: $231,000

Hayenga, Heather  BS,PhD  
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide  
Institution: University of Texas, Dallas  City/State: Richardson, TX  Project Title: Predicting Arterial Changes During Atherogenesis: An Agent Based Modeling Approach  Award Start Date: 1/1/2017  Award End Date: 12/31/2019  Total Years: 3  Total Award Amount: $231,000

He, Peijian  PhD  
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide  
Institution: Emory University, Atlanta  City/State: Atlanta, GA  Project Title: Mechanisms of Na+ reabsorption in renal proximal tubule via IP3 receptor binding protein released with IP3(IRBIT)  Award Start Date: 7/1/2013  Award End Date: 6/30/2017  Total Years: 4  Total Award Amount: $308,000
Heallen, Todd PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: Texas Heart Institute City/State: Houston, TX Project Title: Hippo Signaling and Mitophagy in Cardiomyocyte Renewal Award Start Date: 1/1/2016 Award End Date: 6/30/2020 Total Years: 4 Total Award Amount: $308,000

Hernandes, Marina PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: Emory University, Atlanta City/State: Atlanta, GA Project Title: Polymerase Delta-interacting Protein 2 Deficiency Protects Against Blood Brain Barrier Permeability following stroke Award Start Date: 1/1/2017 Award End Date: 12/31/2019 Total Years: 3 Total Award Amount: $231,000

HONG, Zhongkui PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Midwest Affiliate
Institution: University of South Dakota City/State: Vermillion, SD Project Title: Novel effects of cholesterol on the biophysical and functional properties of vascular smooth muscle Award Start Date: 7/1/2015 Award End Date: 6/30/2018 Total Years: 3 Total Award Amount: $214,500

Hu, Song PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: University of Virginia, Charlottesville City/State: Charlottesville, VA Project Title: Photoacoustic Microscopy of Cerebral Oxygen Metabolism in Mouse Model of Ischemic Stroke Award Start Date: 7/1/2015 Award End Date: 6/30/2019 Total Years: 4 Total Award Amount: $308,000

Huang, Zhanpeng PhD,BS
Program Type: Scientist Development Grant/Portfolio Funding Source: Founders Affiliate
Institution: Boston Children's Hospital City/State: Boston, MA Project Title: Molecular mechanisms of the protection of CIP against cardiac remodeling Award Start Date: 7/1/2016 Award End Date: 6/30/2019 Total Years: 3 Total Award Amount: $231,000

Hwang, Jee-Yeon BS,MS
Program Type: Scientist Development Grant/Portfolio Funding Source: Founders Affiliate
Institution: Albert Einstein College of Medicine City/State: Bronx, NY Project Title: The role of miR-132 and miR-34 in global ischemia Award Start Date: 7/1/2016 Award End Date: 6/30/2019 Total Years: 3 Total Award Amount: $231,000

Imam, Farhad MD PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Western States Affiliate
Institution: University of California, San Diego City/State: La Jolla, CA Project Title: Cardio- and Neuroprotection via Hypoxic Preconditioning: Mechanistic Insights from a Zebrafish Disease Model Award Start Date: 7/1/2016 Award End Date: 6/30/2019 Total Years: 3 Total Award Amount: $231,000

Imoukhuede, Princess PhD,BS
American Heart Association
Awardees by Program Type
Last Update: February 2017

Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: University of Illinois, Champaign-Urbana  City/State: Urbana, IL  Project Title: Predicting new targets for inducing sprouting angiogenesis via systems biology  Award Start Date: 1/1/2016  Award End Date: 12/31/2019  Total Years: 4  Total Award Amount: $308,000

INTAPAD, SUTTIRA BSC, PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Tulane University, New Orleans  City/State: New Orleans, LA  Project Title: Maternal preeclampsia programs hypertension in mouse offspring.  Award Start Date: 1/1/2016  Award End Date: 12/31/2019  Total Years: 4  Total Award Amount: $308,000

Irvin, Marguerite PhD, MS
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: University of Alabama at Birmingham  City/State: Birmingham, AL  Project Title: Genomics of lipidomic phenotypes in a postprandial intervention dietary study  Award Start Date: 7/1/2015  Award End Date: 6/30/2019  Total Years: 4  Total Award Amount: $306,553

Ishikawa, Kiyotake MD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Icahn School of Medicine at Mount Sinai  City/State: New York, NY  Project Title: Mechanistic and Therapeutic Roles of miRNAs in Left Ventricular Remodeling and Heart Failure  Award Start Date: 1/1/2017  Award End Date: 12/31/2019  Total Years: 3  Total Award Amount: $231,000

Itani, Hana PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Vanderbilt University Medical Center  City/State: Nashville, TN  Project Title: The Role of Immunological Memory in Hypertension  Award Start Date: 1/1/2017  Award End Date: 12/31/2019  Total Years: 3  Total Award Amount: $231,000

Jackson, Travis BS, PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: University of Pittsburgh  City/State: Pittsburgh, PA  Project Title: Pharmacological inhibitors of PHLPP1: Novel Therapies to Treat Brain Injury after Cardiac Arrest  Award Start Date: 7/1/2014  Award End Date: 6/30/2018  Total Years: 4  Total Award Amount: $308,000

Jaffre, Fabrice PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Founders Affiliate
Institution: Beth Israel Deaconess Medical Center  City/State: Boston, MA  Project Title: Deciphering novel molecular mechanisms underlying hypertrophic cardiomyopathy in Noonan syndrome using iPS cells  Award Start Date: 7/1/2016  Award End Date: 6/30/2019  Total Years: 3  Total Award Amount: $231,000

Jain, Nishank MD, MPH
Program Type: Scientist Development Grant/Portfolio  Funding Source: Midwest Affiliate
American Heart Association
Awardees by Program Type
Last Update: February 2017

Institution: University of Kansas Medical Center  City/State: Kansas City, KS  Project Title: Effectiveness and Safety of Clopidogrel, Prasugrel and Ticagrelor in Patients with End Stage Renal Disease (ESCALATE)  Award Start Date: 7/1/2016  Award End Date: 6/30/2019  Total Years: 3  Total Award Amount: $231,000

Jarajapu, Yagna  PharmD,MSc
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: North Dakota State University, Fargo  City/State: Fargo, ND  Project Title: ACE2/Ang-(1-7) Axis: A Target for Vascular Repair in Diabetes  Award Start Date: 7/1/2013  Award End Date: 6/30/2017  Total Years: 4  Total Award Amount: $308,000

Jin, Hongwei  PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Tufts Medical Center  City/State: Boston, MA  Project Title: A New Animal Model for the Study of the Mechanism of Ventricular Arrhythmias in Type I Diabetes  Award Start Date: 7/1/2013  Award End Date: 6/30/2017  Total Years: 4  Total Award Amount: $308,000

Jinka, Tulasi  DVM,PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Midwest Affiliate
Institution: University of Michigan  City/State: Ann Arbor, MI  Project Title: Mechanistic Strategies for Optimizing Post-Cardiac Arrest Targeted Temperature Management  Award Start Date: 7/1/2015  Award End Date: 6/30/2018  Total Years: 3  Total Award Amount: $214,429

Jumabay, Medet  MD,PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: University of California, Los Angeles  City/State: Los Angeles, CA  Project Title: Role of BMP in coordinating endothelial differentiation with fat and myocardium  Award Start Date: 7/1/2013  Award End Date: 6/30/2017  Total Years: 4  Total Award Amount: $308,000

KAAR, Jill  PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: SouthWest Affiliate
Institution: University of Colorado Denver  City/State: Denver, CO  Project Title: Influence of Sleep Duration on Health Behavior Patterns and Childhood Obesity Risk  Award Start Date: 7/1/2016  Award End Date: 6/30/2019  Total Years: 3  Total Award Amount: $231,000

Kabil, Omer  BSC,MSc
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: University of Michigan  City/State: Ann Arbor, MI  Project Title: Regulation of hydrogen sulfide biogenesis in response to ER stress  Award Start Date: 7/1/2013  Award End Date: 6/30/2017  Total Years: 4  Total Award Amount: $308,000

Kalogeropoulos, Andreas  MD,PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Emory University, Atlanta  City/State: Atlanta, GA  Project Title: Right Ventricular Function and Left Ventricular Assist Device Outcomes  Award Start Date: 7/1/2013  Award End Date: 6/30/2017  Total Years: 4  Total Award Amount: $308,000
Kalyanasundaram, Anuradha  MS,PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: The Ohio State University  City/State: Columbus, OH  Project Title: Role of Ryanodine receptor dysfunction in heart rate regulation and catecholaminergic arrhythmias  Award Start Date: 1/1/2014  Award End Date: 12/31/2017  Total Years: 4  Total Award Amount: $308,000

Kanekiyo, Takahisa MD,PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Mayo Clinic, Jacksonville  City/State: Jacksonville, FL  Project Title: Vascular cognitive impairment and CAA; roles of apoE and apoE receptors  Award Start Date: 1/1/2015  Award End Date: 12/31/2018  Total Years: 4  Total Award Amount: $308,000

Kang, Sona  BS,MS
Program Type: Scientist Development Grant/Portfolio  Funding Source: Founders Affiliate
Institution: University of California, Berkeley  City/State: Berkeley, CA  Project Title: Dnmt3a as a Mediator of Insulin Resistance  Award Start Date: 7/1/2015  Award End Date: 6/30/2018  Total Years: 3  Total Award Amount: $231,000

Kang, Junsu  PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Mid-Atlantic Affiliate
Institution: Duke University Durham  City/State: Durham, NC  Project Title: Unraveling the regulatory mechanisms of cardiac regeneration enhancer  Award Start Date: 7/1/2016  Award End Date: 6/30/2019  Total Years: 3  Total Award Amount: $231,000

Kant, Shashi  PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Founders Affiliate
Institution: University of Massachusetts Medical School  City/State: Worcester, MA  Project Title: Mitogen Kinase Kinase 4 links insulin resistance and atherosclerosis  Award Start Date: 7/1/2016  Award End Date: 6/30/2019  Total Years: 3  Total Award Amount: $231,000

Karhausen, Joern MD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Mid-Atlantic Affiliate
Institution: Duke University Medical Center  City/State: Durham, NC  Project Title: Platelets as regulators of inflammation and tissue injury after cardiac surgery  Award Start Date: 7/1/2015  Award End Date: 6/30/2018  Total Years: 3  Total Award Amount: $231,000

Karmouty-Quintana, Harry  BSC,PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: The University of Texas Health Science Center at Houston  City/State: Houston, TX  Project Title: The role of hyaluronan in pulmonary hypertension secondary to lung fibrosis  Award Start Date: 1/1/2014  Award End Date: 12/31/2017  Total Years: 4  Total Award Amount: $308,000
American Heart Association
Awardees by Program Type
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Karnes, Jason  BA,PharmD
Program Type:  Scientist Development Grant/Portfolio  Funding Source:  Western States Affiliate
Institution:  University of Arizona, Tucson  City/State:  Tucson, AZ  Project Title:  Immunogenetics of Heparin-Induced Thrombocytopenia  Award Start Date: 7/1/2016  Award End Date: 6/30/2019  Total Years: 3  Total Award Amount:  $231,000

Karpurapu, Manjula  PhD
Program Type:  Scientist Development Grant/Portfolio  Funding Source:  Association Wide
Institution:  The Ohio State University  City/State:  Columbus, OH  Project Title:  NFATc3 regulation of sepsis induced pulmonary edema  Award Start Date: 1/1/2017  Award End Date: 12/31/2019  Total Years: 3  Total Award Amount:  $231,000

Katakam, Prasad  MD,MS
Program Type:  Scientist Development Grant/Portfolio  Funding Source:  Association Wide
Institution:  Tulane University, New Orleans  City/State:  New Orleans, LA  Project Title:  Insulin and hypoglycemia promote cerebrovascular injury to hypoxia-reoxygenation in insulin resistance  Award Start Date: 7/1/2014  Award End Date: 6/30/2018  Total Years: 4  Total Award Amount:  $308,000

Kennedy, David  PhD,MS
Program Type:  Scientist Development Grant/Portfolio  Funding Source:  Association Wide
Institution:  University of Toledo Health Science Campus  City/State:  Toledo, OH  Project Title:  Cardiogenic Steroids in Cardio-Renal Syndrome  Award Start Date: 1/1/2014  Award End Date: 12/31/2017  Total Years: 4  Total Award Amount:  $308,000

Keyel, Peter  BS,PhD
Program Type:  Scientist Development Grant/Portfolio  Funding Source:  SouthWest Affiliate
Institution:  Texas Tech University, Lubbock  City/State:  Lubbock, TX  Project Title:  Membrane Repair as a Resistance Mechanism to Septic Cardiomyopathy  Award Start Date: 7/1/2016  Award End Date: 6/30/2019  Total Years: 3  Total Award Amount:  $231,000

Khan, Mohsin
Program Type:  Scientist Development Grant/Portfolio  Funding Source:  Association Wide
Institution:  Temple University  City/State:  Philadelphia, PA  Project Title:  Pluripotent stem cell exosome therapy for myocardial repair  Award Start Date: 1/1/2015  Award End Date: 12/31/2018  Total Years: 4  Total Award Amount:  $308,000

Kim, Changsung  PhD
Program Type:  Scientist Development Grant/Portfolio  Funding Source:  Association Wide
Institution:  Sanford Burnham Prebys Medical Discovery Institute, La Jolla  City/State:  La Jolla, CA  Project Title:  Studying cardiac fibrosis in arrhythmogenic right ventricular dysplasia cardiomyopathy with patient specific iPSCs  Award Start Date: 7/1/2013  Award End Date: 6/30/2017  Total Years: 4  Total Award Amount:  $308,000

Kim, Il-man  PhD
Program Type:  Scientist Development Grant/Portfolio  Funding Source:  Association Wide
American Heart Association
Awardees by Program Type
Last Update: February 2017

Institution: Augusta University  City/State: Augusta, GA  Project Title: Biogenesis and regulation of cardiac microRNAs by beta-arrestin-biased agonism of beta-1-adrenergic receptor  Award Start Date: 1/1/2014  Award End Date: 12/31/2017  Total Years: 4  Total Award Amount: $308,000

Kim, Maengjo  PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Mayo Clinic, Rochester  City/State: Rochester, MN  Project Title: gamma2 AMPK and heart failure  Award Start Date: 7/1/2015  Award End Date: 6/30/2019  Total Years: 4  Total Award Amount: $308,000

Kim, YongTae  PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Georgia Tech Research Corporation  City/State: Atlanta, GA  Project Title: Engineering of anti-miRNA Transporting HDL for Treating Endothelial Inflammation in Experimental Atherosclerosis  Award Start Date: 7/1/2015  Award End Date: 6/30/2019  Total Years: 4  Total Award Amount: $308,000

Kim, Young-Chae  PhD,MS
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: University of Illinois, Champaign-Urbana  City/State: Urbana, IL  Project Title: Role of intestinal SHP and FGF19 in regulating cholesterol levels  Award Start Date: 1/1/2016  Award End Date: 12/31/2019  Total Years: 4  Total Award Amount: $308,000

Kirk, Jonathan  BS,PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Loyola University Chicago  City/State: Chicago, IL  Project Title: GSK-3B mediates myofilament function in cardiac dyssynchrony  Award Start Date: 7/1/2014  Award End Date: 6/30/2018  Total Years: 4  Total Award Amount: $308,000

Kobayashi, Satoru  BS,PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: New York Institute of Technology, Old Westbury  City/State: Old Westbury, NY  Project Title: Lysosomal Dysfunction in the Diabetic Heart  Award Start Date: 7/1/2015  Award End Date: 6/30/2019  Total Years: 4  Total Award Amount: $308,000

Koide, Masayo  PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: University of Vermont, Burlington  City/State: Burlington, VT  Project Title: Mechanisms of EGF receptor activation leading to decreased cerebral blood flow after subarachnoid hemorrhage.  Award Start Date: 7/1/2014  Award End Date: 6/30/2018  Total Years: 4  Total Award Amount: $308,000

Kolpakov, Mikhail  MDPhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Great Rivers Affiliate
Institution: Temple University  City/State: Philadelphia, PA  Project Title: Protease-activated receptor 4 and insulin receptor signaling during diabetic cardiomyopathy  Award Start Date: 1/1/2015  Award End Date: 12/31/2017  Total Years: 3  Total Award Amount: $231,000
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<th>Name</th>
<th>Program Type</th>
<th>Funding Source</th>
<th>Institution</th>
<th>City/State</th>
<th>Project Title</th>
<th>Award Start Date</th>
<th>Award End Date</th>
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<td>Kolwicz, Stephen PhD</td>
<td>Scientist Development Grant/Portfolio</td>
<td>Association Wide</td>
<td>University of Washington, Seattle</td>
<td>Seattle, WA</td>
<td>Endogenous Lipid Metabolism and Cardiac Function</td>
<td>1/1/2014</td>
<td>12/31/2017</td>
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<td>Kostyak, John BS,MS</td>
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<td>Association Wide</td>
<td>Temple University</td>
<td>Philadelphia, PA</td>
<td>P2Y12 expression and signaling enhances platelet reactivity in type 2 diabetes</td>
<td>1/1/2017</td>
<td>12/31/2019</td>
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<td>Kothari, Hema BSC,MSc</td>
<td>Scientist Development Grant/Portfolio</td>
<td>Association Wide</td>
<td>University of Virginia, Charlottesville</td>
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<td>Role of sphingomyelin in tissue factor encryption</td>
<td>7/1/2013</td>
<td>6/30/2017</td>
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<td>Koupenova-Zamor, Milka BS,PhD</td>
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<td>Founders Affiliate</td>
<td>University of Massachusetts Medical School</td>
<td>Worcester, MA</td>
<td>Platelets, Viruses and Antiviral response</td>
<td>7/1/2016</td>
<td>6/30/2019</td>
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<td>Kriegel, Alison BS,PhD</td>
<td>Scientist Development Grant/Portfolio</td>
<td>Association Wide</td>
<td>Medical College of Wisconsin</td>
<td>Milwaukee, WI</td>
<td>MicroRNA mediated pathology in type IV cardiorenal syndrome</td>
<td>7/1/2013</td>
<td>6/30/2017</td>
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<td>Kumar, Maya PhD</td>
<td>Scientist Development Grant/Portfolio</td>
<td>Western States Affiliate</td>
<td>Stanford University School of Medicine, Palo Alto</td>
<td>Palo Alto, CA</td>
<td>Cellular and molecular mechanisms underlying medial thickening in pulmonary hypertension</td>
<td>7/1/2016</td>
<td>6/30/2019</td>
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<td>$231,000</td>
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<td>Kumarasamy, Sivarajan PhD,MSc</td>
<td>Scientist Development Grant/Portfolio</td>
<td>Association Wide</td>
<td>University of Toledo Health Science Campus</td>
<td>Toledo, OH</td>
<td>Resp18a novel genetic determinant of blood pressure regulation and renal function</td>
<td>1/1/2016</td>
<td>6/30/2020</td>
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<td>Kung, Ethan BS,MS</td>
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American Heart Association
Awardees by Program Type
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Program Type: Scientist Development Grant/Portfolio Funding Source: Mid-Atlantic Affiliate
Institution: Clemson University City/State: Clemson, SC Project Title: Design of Fontan Cavopulmonary Assist Using A Novel Combined Experimental-Computational Technology Award Start Date: 7/1/2016 Award End Date: 6/30/2019 Total Years: 3 Total Award Amount: $231,000

Kuzmiak-Glancy, Sarah BS,PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Mid-Atlantic Affiliate
Institution: University of Maryland City/State: College Park, MD Project Title: Matching Myocardial Energy Supply to Increases in Demand: Altered Calcium Activation in Heart Failure Award Start Date: 7/1/2016 Award End Date: 6/30/2019 Total Years: 3 Total Award Amount: $231,000

Kwong, Jennifer BA,PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: Cincinnati Children's Hospital Medical Center City/State: Cincinnati, OH Project Title: Defining the role of MCUb in the regulation of cardiac mitochondrial calcium sensing, metabolism and survival Award Start Date: 1/1/2016 Award End Date: 12/31/2019 Total Years: 4 Total Award Amount: $308,000

Kwun, Jean PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Mid-Atlantic Affiliate
Institution: Duke University Medical Center City/State: Durham, NC Project Title: Prevention of Homograft Induced Cardiac Allograft Vasculopathy in Pediatric Heart Transplantation Award Start Date: 7/1/2015 Award End Date: 6/30/2018 Total Years: 3 Total Award Amount: $231,000

Lai, Yen-Chun Charly PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: University of Pittsburgh City/State: Pittsburgh, PA Project Title: Defining the role of Skeletal Muscle SIRT3 in modulation of PH-HFpEF Award Start Date: 1/1/2017 Award End Date: 12/31/2019 Total Years: 3 Total Award Amount: $231,000

Lal, Hind BSC,MSc
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: Vanderbilt University Medical Center City/State: Nashville, TN Project Title: Isoformspecific regulation of fibrotic remodeling by GSK-3 in the ischemic heart Award Start Date: 7/1/2013 Award End Date: 6/30/2017 Total Years: 4 Total Award Amount: $308,000

Lal, Charitharth MBBS,MD
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: University of Alabama at Birmingham City/State: Birmingham, AL Project Title: The role of pulmonary microbiome induced Ac-PGP in Bronchopulmonary Dysplasia and associated Pulmonary Hypertension Award Start Date: 1/1/2017 Award End Date: 12/31/2019 Total Years: 3 Total Award Amount: $231,000

Lee, Ho-sup PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
American Heart Association
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Institution: University of California, San Diego  City/State: La Jolla, CA  Project Title: Identifying and Visualizing MRL adaptor family protein-mediated Integrin Activation Complex in Endothelial Cells  Award Start Date: 1/1/2014  Award End Date: 12/31/2017  Total Years: 4  Total Award Amount: $308,000

Lee, Won Hee  PhD,MS
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Stanford University, Stanford  City/State: Stanford, CA  Project Title: Identifying Biomarkers of Low-Dose Radiation Risk and Mechanisms of Individual Radiation Sensitivity  Award Start Date: 1/1/2016  Award End Date: 6/30/2020  Total Years: 4  Total Award Amount: $308,000

Lee, Chung-hao  PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: University of Oklahoma  City/State: Norman, OK  Project Title: Computer-assisted management and treatment of functional tricuspid regurgitation  Award Start Date: 1/1/2016  Award End Date: 6/30/2020  Total Years: 4  Total Award Amount: $307,049

Lee, Chi Fung  BSC,MSc
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: University of Washington, Seattle  City/State: Seattle, WA  Project Title: The roles of protein acetylation in SR calcium homeostasis and diastolic function  Award Start Date: 12/31/2019  Total Years: 3  Total Award Amount: $231,000

Lee, Lik Chuan  PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Michigan State University  City/State: East Lansing, MI  Project Title: Quantifying regional ventricular mechanics in patients with pulmonary hypertension  Award Start Date: 12/31/2019  Total Years: 3  Total Award Amount: $231,000

Leo, Marie Dennis Marcus  PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: University of Tennessee Health Science Center Memphis  City/State: Memphis, TN  Project Title: Regulation of arterial contractility by beta1 subunit trafficking  Award Start Date: 12/31/2018  Total Years: 4  Total Award Amount: $308,000

Lessard, Sarah  BSC,MSc
Program Type: Scientist Development Grant/Portfolio  Funding Source: Founders Affiliate
Institution: Joslin Diabetes Center  City/State: Boston, MA  Project Title: Novel mechanisms regulating the cardiorespiratory and angiogenic response to exercise  Award Start Date: 7/1/2015  Award End Date: 6/30/2018  Total Years: 3  Total Award Amount: $231,000

LEVIT, Rebecca  MD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Emory University, Atlanta  City/State: Atlanta, GA  Project Title: Encapsulated mesenchymal stem cells as therapy for ischemia-reperfusion via neutrophil regulation  Award Start Date: 1/1/2014  Award End Date: 12/31/2017  Total Years: 4  Total Award Amount: $308,000
American Heart Association  
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**Li, Xiaopeng PhD**  
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Association Wide  
Institution: University of Iowa, Iowa City  
City/State: Iowa City, IA  
Project Title: Cardiogenic pulmonary edema resolution with CFTR potentiator  
Award Start Date: 1/1/2014  
Award End Date: 12/31/2017  
Total Years: 4  
Total Award Amount: $308,000

**Li, Na BS, PhD**  
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Association Wide  
Institution: Baylor College of Medicine, Houston  
City/State: Houston, TX  
Project Title: TRANSCRIPTIONAL REGULATION OF RYANOINDE RECEPTOR 2 IN ATRIAL FIBRILLATION  
Award Start Date: 7/1/2014  
Award End Date: 6/30/2018  
Total Years: 4  
Total Award Amount: $308,000

**Li, Jie PhD**  
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Greater Southeast Affiliate  
Institution: Augusta University  
City/State: Augusta, GA  
Project Title: Role of Ufm1 conjugation in the heart  
Award Start Date: 7/1/2016  
Award End Date: 6/30/2019  
Total Years: 3  
Total Award Amount: $231,000

**Lin, Zhiqiang**  
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Founders Affiliate  
Institution: Boston Children's Hospital  
City/State: Boston, MA  
Project Title: Regulation of cardiac growth and regeneration by VGLL4 modulation of the YAP-TEAD1 complex  
Award Start Date: 7/1/2015  
Award End Date: 6/30/2018  
Total Years: 3  
Total Award Amount: $231,000

**Lipke, Elizabeth PhD, BS**  
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Association Wide  
Institution: Auburn University  
City/State: Auburn, AL  
Project Title: Elucidation of Receptor-ligand Interactions Necessary to Support Endothelialization of Biomaterials Under Shear  
Award Start Date: 1/1/2014  
Award End Date: 12/31/2017  
Total Years: 4  
Total Award Amount: $308,000

**Lira, Vitor PhD**  
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Midwest Affiliate  
Institution: University of Iowa, Iowa City  
City/State: Iowa City, IA  
Project Title: Molecular insights into exercise-mediated protection against diabetic cardiomyopathy  
Award Start Date: 7/1/2016  
Award End Date: 6/30/2019  
Total Years: 3  
Total Award Amount: $231,000

**Liu, Ran MD**  
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Association Wide  
Institution: University of North Texas Health Science Center, Fort Worth  
City/State: Fort Worth, TX  
Project Title: Methylene blue for ischemic stroke therapy  
Award Start Date: 7/1/2013  
Award End Date: 6/30/2017  
Total Years: 4  
Total Award Amount: $308,000

**Liu, Tiemin PhD**  
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Association Wide
Institution: University of Texas Southwestern Medical Center City/State: Dallas, TX Project Title: Autonomic regulation of adipocyte metabolism by melanocortin-4 receptors Award Start Date: 7/1/2014 Award End Date: 6/30/2018 Total Years: 4 Total Award Amount: $308,000

Liu, Ting PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Mid-Atlantic Affiliate
Institution: Johns Hopkins University School of Medicine City/State: Baltimore, MD Project Title: Genetic modifications of mitochondrial Ca2+ dynamics in heart failure and sudden cardiac death Award Start Date: 7/1/2015 Award End Date: 6/30/2018 Total Years: 3 Total Award Amount: $231,000

Liu, Qiang PhD,MD
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: St. Joseph's Hospital and Medical Center City/State: Phoenix, AZ Project Title: Autoreactive CD4+ T cells in Ischemic Stroke Award Start Date: 1/1/2016 Award End Date: 12/31/2019 Total Years: 4 Total Award Amount: $308,000

Liu, Chen PhD,BS
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: University of Texas Southwestern Medical Center City/State: Dallas, TX Project Title: PPARgamma in vagal neurons and the clinical effects of Thiazolidinediones Award Start Date: 1/1/2016 Award End Date: 6/30/2020 Total Years: 4 Total Award Amount: $308,000

Liu, Yuan PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: University of Pittsburgh City/State: Pittsburgh, PA Project Title: Regulation of Mitochondrial Function in Lung Injury Award Start Date: 1/1/2016 Award End Date: 12/31/2019 Total Years: 4 Total Award Amount: $308,000

Liu, Bin MS,PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: The Ohio State University City/State: Columbus, OH Project Title: Gene transfer of calmodulin as a potential therapy for ryanopathies Award Start Date: 1/1/2017 Award End Date: 12/31/2019 Total Years: 3 Total Award Amount: $231,000

Liverani, Elisabetta BSC,PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: Temple University City/State: Philadelphia, PA Project Title: The role of activated platelets and P2Y12 receptor in sepsis Award Start Date: 1/1/2016 Award End Date: 6/30/2020 Total Years: 4 Total Award Amount: $308,000

Lodha, Neha BS,PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: University of Florida, Gainesville City/State: Gainesville, FL Project Title: Mechanisms and motor rehabilitation of reactive driving performance following stroke. Award Start Date: 7/1/2014 Award End Date: 6/30/2018 Total Years: 4 Total Award Amount: $308,000
American Heart Association
Awardees by Program Type
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**Luca, Francesca PhD**
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Wayne State University  City/State: Detroit, MI  Project Title: Functional genomics characterization of genetic variation associated with cardiovascular disease  Award Start Date: 7/1/2014  Award End Date: 6/30/2018  Total Years: 4  Total Award Amount: $308,000

**Luo, Yu PhD**
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Case Western Reserve University  City/State: Cleveland, OH  Project Title: Role of the sonic hedgehog pathway in neuroregeneration in stroke animals  Award Start Date: 7/1/2013  Award End Date: 6/30/2017  Total Years: 4  Total Award Amount: $308,000

**Lyon, Angeline BA,PhD**
Program Type: Scientist Development Grant/Portfolio  Funding Source: Midwest Affiliate
Institution: Purdue University, West Lafayette  City/State: West Lafayette, IN  Project Title: Rap1-Dependent Phospholipase C epsilon Activation, a Driver of Cardiac Hypertrophy  Award Start Date: 7/1/2016  Award End Date: 6/30/2019  Total Years: 3  Total Award Amount: $231,000

**Lyssenko, Nicholas PhD**
Program Type: Scientist Development Grant/Portfolio  Funding Source: Great Rivers Affiliate
Institution: University of Pennsylvania  City/State: Philadelphia, PA  Project Title: Elucidating the mechanism responsible for the loss of large size HDL and reduction in HDL-c in high CHD risk individuals  Award Start Date: 7/1/2014  Award End Date: 6/30/2017  Total Years: 3  Total Award Amount: $231,000

**Ma, Peisong BSC,MSc**
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: University of Pennsylvania  City/State: Philadelphia, PA  Project Title: Fine tuning the hemostatic response through regulated control of RGS proteins in resting and activated platelets  Award Start Date: 7/1/2014  Award End Date: 6/30/2018  Total Years: 4  Total Award Amount: $308,000

**Ma, Yonggang MA,PhD**
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: University of Mississippi Medical Center  City/State: Jackson, MS  Project Title: Neutrophil polarization in post-myocardial infarction cardiac remodeling  Award Start Date: 1/1/2015  Award End Date: 12/31/2018  Total Years: 4  Total Award Amount: $308,000

**MacE, Camille PhD**
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: University of Alabama at Birmingham  City/State: Birmingham, AL  Project Title: Molecular mechanisms of non-HIV collapsing glomerulopathy  Award Start Date: 1/1/2016  Award End Date: 12/31/2019  Total Years: 4  Total Award Amount: $308,000
American Heart Association
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Majtan, Tomas MSc,PharmD
Program Type: Scientist Development Grant/Portfolio Funding Source: SouthWest Affiliate
Institution: University of Colorado Denver City/State: Denver, CO Project Title: Toward targeted pharmacological chaperone therapy for CBS-deficient homocystinuria Award Start Date: 7/1/2016 Award End Date: 6/30/2019 Total Years: 3 Total Award Amount: $231,000

Mamenko, Mykola PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: The University of Texas Health Science Center at Houston City/State: Houston, TX Project Title: The role of capacitative calcium entry in AVP-dependent water transport by the kidney Award Start Date: 7/1/2015 Award End Date: 6/30/2019 Total Years: 4 Total Award Amount: $308,000

Marsboom, Glenn PhD,MS
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: University of Illinois at Chicago City/State: Chicago, IL Project Title: Functional Characterization of a New Caveolin-1 Mutation Associated with Heritable Human Pulmonary Arterial Hypertension Award Start Date: 1/1/2015 Award End Date: 12/31/2018 Total Years: 4 Total Award Amount: $308,000

Marsillach, Judit BS,PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Western States Affiliate
Institution: University of Washington, Seattle City/State: Seattle, WA Project Title: Characterization of PON1 as an early biomarker of CVD susceptibility Award Start Date: 7/1/2016 Award End Date: 6/30/2019 Total Years: 3 Total Award Amount: $231,000

Martinez, Eliana MD,PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: University of Miami, Miami City/State: Coral Gables, FL Project Title: Role of Muscle A-Kinase Anchoring Protein Beta-RSK3 Complexes in Post-Ischemic Cardiac Remodeling Award Start Date: 1/1/2017 Award End Date: 12/31/2019 Total Years: 3 Total Award Amount: $231,000

Mathew, Sijo PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Greater Southeast Affiliate
Institution: Vanderbilt University Medical Center City/State: Nashville, TN Project Title: Mechanisms whereby integrin beta1 regulate acute kidney injury and recovery Award Start Date: 7/1/2016 Award End Date: 6/30/2019 Total Years: 3 Total Award Amount: $231,000

Mathis, Keisa BS,MS
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: University of North Texas Health Science Center, Fort Worth City/State: Fort Worth, TX Project Title: The Role of the Cholinergic Anti-Inflammatory Pathway in Renal Function and Hypertension Award Start Date: 1/1/2014 Award End Date: 12/31/2017 Total Years: 4 Total Award Amount: $308,000

McCain, Megan BS,PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Western States Affiliate
### American Heart Association

#### Awardees by Program Type

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<table>
<thead>
<tr>
<th>Institution</th>
<th>City/State</th>
<th>Project Title</th>
<th>Award Start Date</th>
<th>Award End Date</th>
<th>Total Years</th>
<th>Total Award Amount</th>
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<tr>
<td>University of Southern California</td>
<td>Los Angeles, CA</td>
<td>Identifying Biomechanical Mechanisms of Dystrophic Cardiomyopathy in Engineered Human Stem Cell-Derived Cardiac Tissues</td>
<td>7/1/2016</td>
<td>6/30/2019</td>
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<td>$231,000</td>
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**McKenzie, Lisa** BA, PhD  
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide  
**Institution:** University of Colorado Denver  
**City/State:** Denver, CO  
**Project Title:** Maternal Exposure to Natural Gas Development Emissions and Congenital Heart Defects: A Case-Control Study  
**Award Start Date:** 7/1/2014  
**Award End Date:** 6/30/2018  
**Total Years:** 4  
**Total Award Amount:** $307,971

**McKinstry, Karl** BSC, PhD  
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide  
**Institution:** University of Central Florida Research Foundation, Inc.  
**City/State:** Orlando, FL  
**Project Title:** Requirements for influenza vaccine induction of unique lung-resident memory CD4 T cells with novel function  
**Award Start Date:** 1/1/2014  
**Award End Date:** 12/31/2017  
**Total Years:** 4  
**Total Award Amount:** $308,000

**McNally, Joseph** MD PhD  
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide  
**Institution:** University of Utah  
**City/State:** Salt Lake City, UT  
**Project Title:** Amyloid deposition and preexisting vulnerable carotid plaque features predicting cognitive improvement after surgery  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2019  
**Total Years:** 3  
**Total Award Amount:** $226,740

**McNeill, Elizabeth** PhD,BS  
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide  
**Institution:** Harvard Medical School  
**City/State:** Boston, MA  
**Project Title:** The role of miR-987 in cardiac morphology and function  
**Award Start Date:** 1/1/2016  
**Award End Date:** 3/31/2020  
**Total Years:** 4  
**Total Award Amount:** $308,000

**Meadows, Stryder** PhD,BS  
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Greater Southeast Affiliate  
**Institution:** Tulane University, New Orleans  
**City/State:** New Orleans, LA  
**Project Title:** Molecular characterization of vascular anastomosis  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2019  
**Total Years:** 3  
**Total Award Amount:** $231,000

**Meher, Akshaya** BSC, MSc  
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide  
**Institution:** University of Virginia, Charlottesville  
**City/State:** Charlottesville, VA  
**Project Title:** Role of B2 cell-dependent differentiation of regulatory T cell in aortic aneurysm  
**Award Start Date:** 7/1/2014  
**Award End Date:** 6/30/2018  
**Total Years:** 4  
**Total Award Amount:** $308,000

**Mendez, Mariela** PhD  
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide
### American Heart Association
### Awardees by Program Type
### Last Update: February 2017

<table>
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<tr>
<th>Institution</th>
<th>City/State</th>
<th>Project Title</th>
<th>Award Start Date</th>
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<th>Total Years</th>
<th>Total Award Amount</th>
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<tr>
<td>Henry Ford Health System</td>
<td>Detroit, MI</td>
<td>Renin release: Novel Mechanisms of Regulation</td>
<td>7/1/2013</td>
<td>6/30/2017</td>
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<td><strong>Meng, Zhuoxian MD, PhD</strong></td>
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<td><strong>Program Type:</strong> Scientist Development Grant/Portfolio</td>
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<td><strong>Funding Source:</strong> Association Wide</td>
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<td><strong>Institution:</strong> University of Michigan</td>
<td>Ann Arbor, MI</td>
<td>Project Title: Regulation of cholesterol homeostasis and atherosclerosis by hepatic chromatin remodeling factor Baf60a</td>
<td>1/1/2015</td>
<td>12/31/2018</td>
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<td><strong>Menon, Madhav MBBS, MD</strong></td>
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<td><strong>Funding Source:</strong> Association Wide</td>
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<td><strong>Institution:</strong> Icahn School of Medicine at Mount Sinai</td>
<td>New York, NY</td>
<td>Project Title: Role of Shroom3 in native and allograft kidney fibrosis</td>
<td>7/1/2015</td>
<td>6/30/2019</td>
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<td><strong>Miao, Yinglong PhD</strong></td>
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<td><strong>Funding Source:</strong> Association Wide</td>
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<td><strong>Institution:</strong> University of California, San Diego</td>
<td>La Jolla, CA</td>
<td>Project Title: Structure-Based Design of Allosteric Enhancers of the Adenosine A1 Receptor</td>
<td>1/1/2017</td>
<td>12/31/2019</td>
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<td><strong>Milescu, Lorin PhD</strong></td>
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<td><strong>Program Type:</strong> Scientist Development Grant/Portfolio</td>
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<td><strong>Funding Source:</strong> Association Wide</td>
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<td><strong>Institution:</strong> University of Missouri, Columbia</td>
<td>Columbia, MO</td>
<td>Project Title: Sodium channels as sensors and regulators of cellular excitability</td>
<td>7/1/2013</td>
<td>6/30/2017</td>
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<td><strong>Mittal, Manish PhD,MSc</strong></td>
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<td><strong>Program Type:</strong> Scientist Development Grant/Portfolio</td>
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<td><strong>Funding Source:</strong> Midwest Affiliate</td>
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<td><strong>Institution:</strong> University of Illinois at Chicago</td>
<td>Chicago, IL</td>
<td>Project Title: Novel Role of TNF alpha stimulated gene 6 (TSG6) in macrophages polarization and suppression of lung vascular injury</td>
<td>7/1/2016</td>
<td>6/30/2019</td>
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<tr>
<td><strong>MIYAKE, Christina BA,MSS</strong></td>
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<td><strong>Program Type:</strong> Scientist Development Grant/Portfolio</td>
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<td><strong>Funding Source:</strong> Association Wide</td>
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<td><strong>Institution:</strong> Baylor College of Medicine, Houston</td>
<td>Houston, TX</td>
<td>Project Title: The Discovery of Novel Genes in Inherited Arrhythmic Sudden Death Syndromes</td>
<td>1/1/2017</td>
<td>12/31/2019</td>
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<tr>
<td><strong>Modis, Katalin PharmD,PhD</strong></td>
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<td><strong>Program Type:</strong> Scientist Development Grant/Portfolio</td>
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<td><strong>Funding Source:</strong> SouthWest Affiliate</td>
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<td><strong>Institution:</strong> The University of Texas Medical Branch</td>
<td>Galveston, TX</td>
<td>Project Title: Regulation of angiogenesis by the 3-mercaptopyruvate sulfurtransferase / hydrogen sulfide axis</td>
<td>7/1/2016</td>
<td>6/30/2019</td>
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</tbody>
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American Heart Association  
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**MOHAN, Maradumane PhD**  
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Association Wide  
Institution: Cleveland Clinic Foundation  
City/State: Cleveland, OH  
Project Title: Akt independent GSK-3 regulation by Phosphoinositide 3 kinase gamma governs cardiac hypertrophy  
Award Start Date: 7/1/2013  
Award End Date: 6/30/2017  
Total Years: 4  
Total Award Amount: $308,000

**Mohsin, Sadia PhD**  
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Association Wide  
Institution: Temple University  
City/State: Philadelphia, PA  
Project Title: Unique Features of Cortical Bone Stem Cells Associated with Enhanced Cardiac Repair  
Award Start Date: 7/1/2015  
Award End Date: 6/30/2019  
Total Years: 4  
Total Award Amount: $308,000

**Muia, Joshua BSC, PhD**  
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Midwest Affiliate  
Institution: Washington University, School of Medicine  
City/State: Saint Louis, MO  
Project Title: Regulation of VWF Cleavage by the Antithrombotic Protease ADAMTS13  
Award Start Date: 7/1/2016  
Award End Date: 6/30/2019  
Total Years: 3  
Total Award Amount: $231,000

**Muretta, Joseph BS, PhD**  
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Association Wide  
Institution: University of Minnesota, Minneapolis  
City/State: Minneapolis, MN  
Project Title: Human Cardiac Myosin Biosensors for Heart Disease Therapeutics  
Award Start Date: 7/1/2014  
Award End Date: 6/30/2018  
Total Years: 4  
Total Award Amount: $307,992

**Murphy, Sydney PhD,MS**  
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Association Wide  
Institution: University of Mississippi Medical Center  
City/State: Jackson, MS  
Project Title: Vascular eicosanoids and preeclampsia  
Award Start Date: 7/1/2014  
Award End Date: 6/30/2018  
Total Years: 4  
Total Award Amount: $308,000

**Musselman, Laura BS, PhD**  
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Association Wide  
Institution: SUNY, Binghamton  
City/State: Binghamton, NY  
Project Title: Identification of Lipotoxins Affecting Cardiac Physiology in the Face of Caloric Overload  
Award Start Date: 1/1/2017  
Award End Date: 12/31/2019  
Total Years: 3  
Total Award Amount: $218,486

**Nadimpalli, Ravi S Varma PhD**  
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Association Wide  
Institution: University of Central Florida Research Foundation, Inc.  
City/State: Orlando, FL  
Project Title: Cord blood endothelial progenitor cell based therapies in Ischemic stroke rat models  
Award Start Date: 1/1/2014  
Award End Date: 12/31/2017  
Total Years: 4  
Total Award Amount: $308,000

**Naqvi, Nawazish PhD, MSc**
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**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide

**Institution:** Emory University, Atlanta  
**City/State:** Atlanta, GA  
**Project Title:** Long-term effects of preadolescent nutritional status on heart growth and function  
**Award Start Date:** 7/1/2013  
**Award End Date:** 6/30/2017  
**Total Years:** 4  
**Total Award Amount:** $308,000

**Nazarewicz, Rafal PhD**

**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide

**Institution:** Vanderbilt University Medical Center  
**City/State:** Nashville, TN  
**Project Title:** T-cell mitochondrial ROS in development of hypertension  
**Award Start Date:** 7/1/2014  
**Award End Date:** 6/30/2018  
**Total Years:** 4  
**Total Award Amount:** $308,000

**Nejatbakhsh Azadani, Ali PhD**

**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** SouthWest Affiliate

**Institution:** University of Denver  
**City/State:** Denver, CO  
**Project Title:** Assessment of Paravalvular Aortic Regurgitation following Transcatheter Aortic Valve Replacement  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2019  
**Total Years:** 3  
**Total Award Amount:** $231,000

**Nelson, Michael PhD,MSc**

**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide

**Institution:** The University of Texas at Arlington  
**City/State:** Arlington, TX  
**Project Title:** Functional myocardial ischemia as a mechanism of diastolic dysfunction in women with coronary microvascular dysfunction  
**Award Start Date:** 1/1/2016  
**Award End Date:** 12/31/2019  
**Total Years:** 4  
**Total Award Amount:** $308,000

**Nishimura, Nozomi BA,PhD**

**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide

**Institution:** Cornell University, Ithaca  
**City/State:** Ithaca, NY  
**Project Title:** Mechanisms for lesion expansion after microinfarction: in vivo multiphoton microscopy of beating heart  
**Award Start Date:** 7/1/2013  
**Award End Date:** 6/30/2017  
**Total Years:** 4  
**Total Award Amount:** $308,000

**Nystoriak, Matthew BA,PhD**

**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide

**Institution:** University of Louisville  
**City/State:** Louisville, KY  
**Project Title:** Compartmentalized cAMP signaling in diabetic vascular dysfunction  
**Award Start Date:** 1/1/2016  
**Award End Date:** 6/30/2020  
**Total Years:** 4  
**Total Award Amount:** $308,000

**O’Meara, Caitlin PhD**

**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide

**Institution:** Medical College of Wisconsin  
**City/State:** Milwaukee, WI  
**Project Title:** The Role of IL13 in Guiding Cardiomyocyte Cell Cycle and Heart Regeneration  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2019  
**Total Years:** 3  
**Total Award Amount:** $231,000

**O-Uchi, Jin MD,PhD**

**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide
American Heart Association  
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**Institution:** Rhode Island Hospital  
**City/State:** Providence, RI  
**Project Title:** Role of mitochondrial RyR1 in cardiac arrhythmia and sudden cardiac death  
**Award Start Date:** 1/1/2016  
**Award End Date:** 12/31/2019  
**Total Years:** 4  
**Total Award Amount:** $308,000

**O'Connor, Christine PhD**
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide  
**Institution:** Research Foundation of SUNY  
**City/State:** Amherst, NY  
**Project Title:** The Role of Human Cytomegalovirus US28 in the Acceleration of Atherosclerosis  
**Award Start Date:** 1/1/2015  
**Award End Date:** 12/31/2018  
**Total Years:** 4  
**Total Award Amount:** $308,000

**Odegaard, Andrew PhD,MPH**
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide  
**Institution:** University of California, Irvine  
**City/State:** Irvine, CA  
**Project Title:** Diet Beverage Intake and Micro and Macrovascular Outcomes in Persons with Diabetes  
**Award Start Date:** 1/1/2016  
**Award End Date:** 6/30/2019  
**Total Years:** 3  
**Total Award Amount:** $230,246

**Oh, Da Young PhD**
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide  
**Institution:** University of California, San Diego  
**City/State:** La Jolla, CA  
**Project Title:** The role of FFAR4 in metabolic syndrome  
**Award Start Date:** 7/1/2014  
**Award End Date:** 6/30/2018  
**Total Years:** 4  
**Total Award Amount:** $308,000

**Osei Owusu, Patrick BS,PhD**
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide  
**Institution:** Drexel University  
**City/State:** Philadelphia, PA  
**Project Title:** Myogenic Tone Regulation by RGS2  
**Award Start Date:** 1/1/2016  
**Award End Date:** 6/30/2020  
**Total Years:** 4  
**Total Award Amount:** $308,000

**Pabla, Navjotsingh PhD**
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide  
**Institution:** The Ohio State University  
**City/State:** Columbus, OH  
**Project Title:** Targeting the CDK4/6-RB pathway in acute kidney injury  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2019  
**Total Years:** 3  
**Total Award Amount:** $231,000

**Pacak, Christina PhD**
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide  
**Institution:** University of Florida, Gainesville  
**City/State:** Gainesville, FL  
**Project Title:** Mechanisms of Cardiac and Skeletal Muscle Dysfunction in Barth Syndrome  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2019  
**Total Years:** 3  
**Total Award Amount:** $231,000

**PACKARD, Rene MD**
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Western States Affiliate  
**Institution:** University of California, Los Angeles  
**City/State:** Los Angeles, CA  
**Project Title:** Single plane illumination microscopy and ultrasonic transducers to characterize doxorubicin cardiac injury and repair  
**Award Start Date:** 7/1/2016  
**Award End Date:** 6/30/2019  
**Total Years:** 3  
**Total Award Amount:** $231,000
Padala, Muralidhar PhD,MS  
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide  
**Institution:** Emory University, Atlanta  
**City/State:** Atlanta, GA  
**Project Title:** Biomechanics of Left Ventricular Remodeling in Secondary Ischemic Mitral Regurgitation: Mechanisms to Therapies  
**Award Start Date:** 7/1/2014  
**Award End Date:** 6/30/2018  
**Total Years:** 4  
**Total Award Amount:** $308,000

Palaniyandi, Suresh PhD,MS  
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide  
**Institution:** Henry Ford Health System  
**City/State:** Detroit, MI  
**Project Title:** Aldehyde dehydrogenase 2 activation ameliorates damage in the post-infarcted diabetic heart  
**Award Start Date:** 6/30/2018  
**Total Years:** 4  
**Total Award Amount:** $308,000

Pamir, Nathalie PhD,MSc  
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide  
**Institution:** Oregon Health & Science University, Portland  
**City/State:** Portland, OR  
**Project Title:** Genetic Dissection of HDL Function  
**Award Start Date:** 7/1/2013  
**Award End Date:** 6/30/2017  
**Total Years:** 4  
**Total Award Amount:** $308,000

PANDEY, Deepesh BA,PhD  
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide  
**Institution:** Johns Hopkins University School of Medicine  
**City/State:** Baltimore, MD  
**Project Title:** HDAC2 modulates Atherosclerosis  
**Award Start Date:** 1/1/2016  
**Award End Date:** 12/31/2019  
**Total Years:** 4  
**Total Award Amount:** $308,000

Pantazis, Antonios BA,PhD  
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide  
**Institution:** University of California, Los Angeles  
**City/State:** Los Angeles, CA  
**Project Title:** The Molecular Basis of Beta Subunit Modulation of the Human BK Channel Voltage Dependence  
**Award Start Date:** 7/1/2014  
**Award End Date:** 6/30/2018  
**Total Years:** 4  
**Total Award Amount:** $308,000

Papangeli, Irinna BS,MSc  
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide  
**Institution:** Yale University  
**City/State:** New Haven, CT  
**Project Title:** Molecular Mechanisms of Neonatal Pulmonary Hemorrhage  
**Award Start Date:** 1/1/2017  
**Award End Date:** 12/31/2019  
**Total Years:** 3  
**Total Award Amount:** $230,408

Parajuli, Nirmala DVM,MSc  
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide  
**Institution:** University of Arkansas for Medical Sciences, Little Rock  
**City/State:** Little Rock, AR  
**Project Title:** Ubiquitin Proteasome System, Mitochondria, and Renal Cold Storage  
**Award Start Date:** 1/1/2016  
**Award End Date:** 6/30/2019  
**Total Years:** 3  
**Total Award Amount:** $231,000

Park, Eon Joo BS,MS
American Heart Association
Awardees by Program Type
Last Update: February 2017

Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Yale University  City/State: New Haven, CT  Project Title: The role of NgBR as a nexus between cholesterol trafficking and dolichol biosynthesis in endothelial cells  Award Start Date: 1/1/2016  Award End Date: 6/30/2020  Total Years: 4  Total Award Amount: $308,000

Park, David  MD PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: NYU Medical Center  City/State: New York, NY  Project Title: ETV1-Dependent Regulation of the Fast Cardiac Conduction Phenotype  Award Start Date: 1/1/2017  Award End Date: 12/31/2019  Total Years: 3  Total Award Amount: $231,000

Parvatiyar, Michelle  BA,PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Western States Affiliate
Institution: University of California, Los Angeles  City/State: Los Angeles, CA  Project Title: Exploring muscle cell adhesion as a therapeutic strategy in the heart  Award Start Date: 7/1/2016  Award End Date: 6/30/2019  Total Years: 3  Total Award Amount: $231,000

Pattillo, Christopher  PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Greater Southeast Affiliate
Institution: Louisiana State University Health Sciences Center Shreveport  City/State: Shreveport, LA  Project Title: Influence of Glutathione on Ischemic Angiogenesis  Award Start Date: 7/1/2015  Award End Date: 6/30/2018  Total Years: 3  Total Award Amount: $231,000

Pereira Alambert, Renata  BS,MS
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: University of Iowa, Iowa City  City/State: Iowa City, IA  Project Title: Energy-Deficient Muscle as a Source for Circulating Fibroblast Growth Factor 21  Award Start Date: 7/1/2015  Award End Date: 6/30/2019  Total Years: 4  Total Award Amount: $308,000

Perez-Medina, Carlos  PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Founders Affiliate
Institution: Icahn School of Medicine at Mount Sinai  City/State: New York, NY  Project Title: "Atherosclerosis phenotyping and targeted treatment by nanoreporter PET imaging"  Award Start Date: 7/1/2016  Award End Date: 6/30/2019  Total Years: 3  Total Award Amount: $231,000

Perundurai, Dhandapany  BSC,MSc
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Oregon Health & Science University, Portland  City/State: Portland, OR  Project Title: Targeting the RAS-MAPK pathway using polypharmacological approach for pediatric cardiomyopathy  Award Start Date: 1/1/2015  Award End Date: 12/31/2018  Total Years: 4  Total Award Amount: $307,996

Pierce, Gary  PhD,MS
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
American Heart Association
Awardees by Program Type
Last Update: February 2017

Institution: University of Iowa, Iowa City  City/State: Iowa City, IA  Project Title: Vascular Dysfunction in Human Obesity Hypertension: Integrative Role of Sympathetic and Renin-Angiotensin Systems  Award Start Date: 7/1/2013  Award End Date: 6/30/2017  Total Years: 4  Total Award Amount: $308,000

Pomerantz, William BS,PhD  Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide  Institution: University of Minnesota, Minneapolis  City/State: Minneapolis, MN  Project Title: Epigenetic Roles of Bromodomains in Heart Disease  Award Start Date: 7/1/2015  Award End Date: 6/30/2019  Total Years: 4  Total Award Amount: $308,000

Pozzi, Nicola PhD,MS  Program Type: Scientist Development Grant/Portfolio  Funding Source: Midwest Affiliate  Institution: St. Louis University  City/State: Saint Louis, MO  Project Title: Structure-Based Mechanism for Prothrombin Activation by the Prothrombinase Complex  Award Start Date: 7/1/2015  Award End Date: 6/30/2018  Total Years: 3  Total Award Amount: $214,500

Pushpakumar, Sathnur PhD,MD  Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide  Institution: University of Louisville  City/State: Louisville, KY  Project Title: Epigenetic Mechanism of Renovascular Remodeling in Hyperhomocysteinemia  Award Start Date: 7/1/2015  Award End Date: 6/30/2019  Total Years: 4  Total Award Amount: $308,000

Qian, Li PhD  Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide  Institution: University of North Carolina, Chapel Hill  City/State: Chapel Hill, NC  Project Title: The role of cell proliferation and p53 in cardiac fibroblast reprogramming  Award Start Date: 7/1/2013  Award End Date: 6/30/2017  Total Years: 4  Total Award Amount: $308,000

Qin, Xulei BSE,PhD  Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide  Institution: Stanford University, Stanford  City/State: Stanford, CA  Project Title: Noninvasive Measurement of Myocardial Properties for Early Detection of HFpEF  Award Start Date: 1/1/2017  Award End Date: 12/31/2019  Total Years: 3  Total Award Amount: $231,000

Quader, Mohammed MD  Program Type: Scientist Development Grant/Portfolio  Funding Source: Mid-Atlantic Affiliate  Institution: Virginia Commonwealth University, Richmond  City/State: Richmond, VA  Project Title: Targeting the Inflammasome to Reduce Warm Ischemic Injury in Donation after Cardiac Death  Award Start Date: 7/1/2016  Award End Date: 6/30/2019  Total Years: 3  Total Award Amount: $231,000

Qualls, Joseph PhD  Program Type: Scientist Development Grant/Portfolio  Funding Source: Great Rivers Affiliate  Institution: Cincinnati Children's Hospital Medical Center  City/State: Cincinnati, OH  Project Title: L-citrulline and host defenses to mycobacteria  Award Start Date: 1/1/2015  Award End Date: 12/31/2017  Total Years: 3  Total Award Amount: $231,000
Quintilian, Lisa
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide  
Institution: Boston Medical Center  City/State: Boston, MA  
Project Title: Behavioral Cardiovascular Disease Prevention using Informatics  
Award Start Date: 7/1/2014  Award End Date: 6/30/2018  
Total Years: 4  
Total Award Amount: $308,000

Rafikov, Ruslan PhD,MS
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide  
Institution: University of Arizona, Tucson  City/State: Tucson, AZ  
Project Title: Akt signaling in pulmonary hypertension  
Award Start Date: 7/1/2014  Award End Date: 6/30/2018  
Total Years: 4  
Total Award Amount: $308,000

Rahaman, Shaik Ohidar PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide  
Institution: University of Maryland, College Park  City/State: College Park, MD  
Project Title: The TRPV4 calcium channel is a novel regulator of myofibroblast differentiation and pulmonary fibrosis  
Award Start Date: 7/1/2013  Award End Date: 6/30/2017  
Total Years: 4  
Total Award Amount: $308,000

Ramirez-Hidalgo, Cristina PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide  
Institution: Yale University  City/State: New Haven, CT  
Project Title: Role of miR-148a in controlling LDLR activity and plasma LDL levels  
Award Start Date: 1/1/2015  Award End Date: 12/31/2018  
Total Years: 4  
Total Award Amount: $308,000

Ren, Xuefang MBBS,MD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Great Rivers Affiliate  
Institution: West Virginia University, Morgantown  City/State: Morgantown, WV  
Project Title: MiR-34a and Mitochondria in Blood-Brain Barrier and Stroke  
Award Start Date: 7/1/2016  Award End Date: 6/30/2019  
Total Years: 3  
Total Award Amount: $231,000

Richardson, Will BS,PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide  
Institution: Clemson University  City/State: Clemson, SC  
Project Title: MECHANO-ADAPTIVE FIBROSIS SIGNALING FOR POST-INFARCT THERAPY  
Award Start Date: 1/1/2017  Award End Date: 12/31/2019  
Total Years: 3  
Total Award Amount: $231,000

Robinet, Peggy PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide  
Institution: Cleveland Clinic Foundation  City/State: Cleveland, OH  
Project Title: Regulation of autolysosome formation in foam cells  
Award Start Date: 7/1/2015  Award End Date: 6/30/2019  
Total Years: 4  
Total Award Amount: $308,000
American Heart Association
Awardees by Program Type
Last Update: February 2017

Rodgers, Krista PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: SouthWest Affiliate
Institution: University of Colorado Denver  City/State: Denver, CO  Project Title: Neurogenesis in the Pediatric Brain: a Possible Therapeutic Target for Regeneration and Repair  Award Start Date: 7/1/2016  Award End Date: 6/30/2019  Total Years: 3  Total Award Amount: $231,000

Roldán-Alzate, Alejandro PhD,MS
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: University of Wisconsin, Madison  City/State: Madison, WI  Project Title: Comprehensive Noninvasive Assessment of Extracardiac Total Cavo-Pulmonary Connection using 4D Flow MRI  Award Start Date: 7/1/2014  Award End Date: 6/30/2018  Total Years: 4  Total Award Amount: $306,125

Roseguini, Bruno PT, MSc
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Purdue University, West Lafayette  City/State: West Lafayette, IN  Project Title: Thermotherapy for intermittent claudication  Award Start Date: 1/1/2016  Award End Date: 12/31/2019  Total Years: 4  Total Award Amount: $308,000

Rotllan, Noemi PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Yale University  City/State: New Haven, CT  Project Title: Functional and physiological role of ANGPTL4 during atherosclerosis  Award Start Date: 1/1/2017  Award End Date: 12/31/2019  Total Years: 3  Total Award Amount: $231,000

Rottiers, Veerle BS, MS
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Cornell University, Ithaca  City/State: Ithaca, NY  Project Title: Functional analysis of conserved lipid homeostasis genes.  Award Start Date: 1/1/2016  Award End Date: 6/30/2020  Total Years: 4  Total Award Amount: $308,000

Ruan, Hai-Bin PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: University of Minnesota, Saint Paul  City/State: Saint Paul, MN  Project Title: O-GlcNAc signaling in hunger-promoting AgRP neurons controls adipose tissue browning  Award Start Date: 7/1/2014  Award End Date: 6/30/2018  Total Years: 4  Total Award Amount: $308,000

Rutkai, Ibolya MSc, PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Tulane University, New Orleans  City/State: New Orleans, LA  Project Title: Estrogen mediated protection against stroke: mitochondria as subcellular targets of nitric oxide.  Award Start Date: 1/1/2017  Award End Date: 12/31/2019  Total Years: 3  Total Award Amount: $231,000

RYU, JAE KYU PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Western States Affiliate
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<th>Institution</th>
<th>City/State</th>
<th>Project Title</th>
<th>Award Start Date</th>
<th>Award End Date</th>
<th>Total Years</th>
<th>Total Award Amount</th>
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<td>Gladstone Institute, San Francisco</td>
<td>San Francisco, CA</td>
<td>Mechanisms and therapeutic strategies for white-matter injury in ischemic stroke</td>
<td>7/1/2016</td>
<td>6/30/2019</td>
<td>3</td>
<td>$231,000</td>
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<td>University of Iowa, Iowa City</td>
<td>Iowa City, IA</td>
<td>Toxin-mediated cellular mechanism for development of Staphylococcus aureus infective endocarditis</td>
<td>7/1/2015</td>
<td>6/30/2018</td>
<td>3</td>
<td>$214,500</td>
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<td>University of Virginia, Charlottesville</td>
<td>Charlottesville, VA</td>
<td>The Role of KLF2 in Aortic Aneurysm Formation</td>
<td>1/1/2014</td>
<td>12/31/2017</td>
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<td>Brigham &amp; Women's Hospital</td>
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<td>Sleep apnea phenotyping for personalized therapy using clinical polysomnography</td>
<td>7/1/2015</td>
<td>6/30/2018</td>
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<td>Mayo Clinic, Rochester</td>
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<td>C-Type Natriuretic Peptide and GuanylylCyclase Receptor B in Cardiorenal Disease</td>
<td>7/1/2013</td>
<td>6/30/2017</td>
<td>4</td>
<td>$308,000</td>
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<td>Icahn School of Medicine at Mount Sinai</td>
<td>New York, NY</td>
<td>The role of extracellular cAMP in the pathogenesis of pulmonary arterial hypertension</td>
<td>1/1/2017</td>
<td>12/31/2019</td>
<td>3</td>
<td>$231,000</td>
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<td>Stanford University, Stanford</td>
<td>Stanford, CA</td>
<td>Novel Regulators to Enhance Safer iPSC Derivation and Differentiation to EC</td>
<td>7/1/2013</td>
<td>6/30/2017</td>
<td>4</td>
<td>$308,000</td>
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American Heart Association
Awardees by Program Type
Last Update: February 2017

Schnell, Susanne MSc, PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Midwest Affiliate
Institution: Northwestern University, Chicago City/State: Chicago, IL Project Title: Comprehensive Cardiac and Neurovascular 4D flow MRI for Improved Embolization Therapy in VGAM patients Award Start Date: 7/1/2016 Award End Date: 6/30/2019 Total Years: 3 Total Award Amount: $231,000

Schumacher, Jennifer BS, PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: Cincinnati Children’s Hospital Medical Center City/State: Cincinnati, OH Project Title: The Role of Fibronectin/Integrin and BMP Signaling in Endocardial Morphogenesis and Differentiation Award Start Date: 1/1/2016 Award End Date: 12/31/2019 Total Years: 4 Total Award Amount: $308,000

Scott, Evan PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Midwest Affiliate
Institution: Northwestern University, Evanston City/State: Evanston, IL Project Title: Identification of specific atherogenic and atheroprotective roles of plasmacytoid dendritic cells Award Start Date: 7/1/2014 Award End Date: 6/30/2017 Total Years: 3 Total Award Amount: $214,500

Shaked, Iftach PhD, MSc
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: University of California, San Diego City/State: La Jolla, CA Project Title: The role of phosphatase non-receptor type 22 (PTPN22) in atherosclerosis Award Start Date: 7/1/2013 Award End Date: 6/30/2017 Total Years: 4 Total Award Amount: $308,000

Shaltout, Hossam PhD, RPh
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: Wake Forest University City/State: Winston Salem, NC Project Title: Comprehensive Assessment of Vascular and Autonomic Function in Children with Low Vitamin D Award Start Date: 1/1/2016 Award End Date: 12/31/2019 Total Years: 4 Total Award Amount: $301,912

Sharma, Neeru MS, PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Association Wide
Institution: University of Nebraska Medical Center, Omaha City/State: Omaha, NE Project Title: Post-translational regulation of nNOS in the paraventricular nucleus during heart failure Award Start Date: 7/1/2014 Award End Date: 6/30/2018 Total Years: 4 Total Award Amount: $308,000

Shechter, Ari PhD
Program Type: Scientist Development Grant/Portfolio Funding Source: Founders Affiliate
Institution: Columbia University, New York City/State: New York, NY Project Title: Effects of CPAP on diet, physical activity, and cardiovascular risk Award Start Date: 1/1/2015 Award End Date: 3/31/2018 Total Years: 3 Total Award Amount: $231,000

Shelton, Elaine PhD
American Heart Association
Awardees by Program Type
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Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Vanderbilt University  City/State: Nashville, TN  Project Title: The role of KATP channels in models of PDA and Cantu Syndrome  Award Start Date: 7/1/2015  Award End Date: 6/30/2019  Total Years: 4  Total Award Amount: $308,000

Shih, Yen-yu  PhD,BS
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: University of North Carolina, Chapel Hill  City/State: Chapel Hill, NC  Project Title: Dynamic MRI of tPA-induced peri-infract spreading depolarizations: outcome correlates and potential therapy  Award Start Date: 1/1/2015  Award End Date: 12/31/2018  Total Years: 4  Total Award Amount: $308,000

Shilagardi, Khurts  PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Johns Hopkins University  City/State: Baltimore, MD  Project Title: Novel function of ABC transporters in cell fusion.  Award Start Date: 7/1/2015  Award End Date: 6/30/2019  Total Years: 4  Total Award Amount: $308,000

Singh, Ravi  PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Baylor College of Medicine, Houston  City/State: Houston, TX  Project Title: The role of Rbfox2-regulated splicing of Mef2d and Taf12 in postnatal heart function  Award Start Date: 7/1/2015  Award End Date: 6/30/2019  Total Years: 4  Total Award Amount: $308,000

Sjogren, Benita  MSc,PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Michigan State University  City/State: East Lansing, MI  Project Title: Targeting molecular mechanisms of RGS2 protein degradation for novel cardiovascular therapeutics.  Award Start Date: 1/1/2015  Award End Date: 12/31/2018  Total Years: 4  Total Award Amount: $308,000

Smith, Brian  BS,PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Medical College of Wisconsin  City/State: Milwaukee, WI  Project Title: Direct and Epigenetic Control of Metabolism through Protein S-nitrosation  Award Start Date: 7/1/2015  Award End Date: 6/30/2019  Total Years: 4  Total Award Amount: $308,000

Song, Kunhua  PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: University of Colorado Denver  City/State: Denver, CO  Project Title: Regulation of cardiac lineage reprogramming by anti-inflammatory drugs  Award Start Date: 7/1/2013  Award End Date: 6/30/2017  Total Years: 4  Total Award Amount: $308,000

Song, Juan  PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
American Heart Association
Awardees by Program Type
Last Update: February 2017

**Institution:** University of North Carolina, Chapel Hill  
**City/State:** Chapel Hill, NC  
**Project Title:** Local circuitry mechanism underling stroke induced neurogenesis in the adult hippocampus  
**Award Start Date:** 7/1/2014  
**Award End Date:** 6/30/2018  
**Total Years:** 4  
**Total Award Amount:** $308,000

**Song, Jonathan  PhD,MS**  
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide  
**Institution:** The Ohio State University  
**City/State:** Columbus, OH  
**Project Title:** Microfluidic Tissue Analogue for Blood and Lymphatic Vessel Network Formation  
**Award Start Date:** 7/1/2015  
**Award End Date:** 6/30/2018  
**Total Years:** 4  
**Total Award Amount:** $308,000

**Sonneville, Kendrin  ScD,RD**  
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Midwest Affiliate  
**Institution:** University of Michigan  
**City/State:** Ann Arbor, MI  
**Project Title:** Childhood predictors of disinhibited eating during pre-adolescence  
**Award Start Date:** 7/1/2015  
**Award End Date:** 6/30/2018  
**Total Years:** 3  
**Total Award Amount:** $214,500

**Soucy, Kevin  PhD**  
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Great Rivers Affiliate  
**Institution:** University of Louisville  
**City/State:** Louisville, KY  
**Project Title:** Vascular response to continuous flow ventricular assist device with pulsatile flow modulation in mock circulation system  
**Award Start Date:** 1/1/2015  
**Award End Date:** 12/31/2017  
**Total Years:** 3  
**Total Award Amount:** $230,695

**Sriramula, Srinivas  PhD**  
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Greater Southeast Affiliate  
**Institution:** Louisiana State University, New Orleans  
**City/State:** New Orleans, LA  
**Project Title:** Role of bradykinin 1 receptor in neurogenic hypertension  
**Award Start Date:** 7/1/2015  
**Award End Date:** 6/30/2018  
**Total Years:** 3  
**Total Award Amount:** $231,000

**Stansfield, Brian  BS,MD**  
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Greater Southeast Affiliate  
**Institution:** Augusta University  
**City/State:** Augusta, GA  
**Project Title:** Dissecting Neurofibromatosis Type I Vasculopathy  
**Award Start Date:** 7/1/2015  
**Award End Date:** 6/30/2018  
**Total Years:** 3  
**Total Award Amount:** $231,000

**Stavrou, Evi  MD**  
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Great Rivers Affiliate  
**Institution:** Case Western Reserve University  
**City/State:** Cleveland, OH  
**Project Title:** Leukocyte Factor XII Modulates Venous Thrombosis and Inflammation.  
**Award Start Date:** 7/1/2015  
**Award End Date:** 6/30/2018  
**Total Years:** 3  
**Total Award Amount:** $231,000

**Stewart, Jill  BS,MPT**  
**Program Type:** Scientist Development Grant/Portfolio  
**Funding Source:** Association Wide  
**Institution:** University of South Carolina, Columbia  
**City/State:** Columbia, SC  
**Project Title:** Targeted engagement of the motor action selection network during arm rehabilitation after stroke  
**Award Start Date:** 7/1/2015  
**Award End Date:** 6/30/2019  
**Total Years:** 4  
**Total Award Amount:** $308,000
Stowe, Ann  PhD,BA
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide  
Institution: University of Texas Southwestern Medical Center  
City/State: Dallas, TX  
Project Title: B cells mediate endogenous neurovascular protection following stroke  
Award Start Date: 1/1/2014  Award End Date: 12/31/2017  
Total Years: 4  Total Award Amount: $308,000

Subramanian, Venkateswaran  PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide  
Institution: University of Kentucky, Lexington  
City/State: Lexington, KY  
Project Title: Role of macrophage-specific calpain-2 in hypercholesterolemia-induced atherosclerosis  
Award Start Date: 1/1/2014  Award End Date: 12/31/2017  
Total Years: 4  Total Award Amount: $308,000

Sukumar, Deeptha  PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide  
Institution: Drexel University  
City/State: Philadelphia, PA  
Project Title: Parathyroid Hormone and Cardiometabolic Outcomes in Obesity: Role of Magnesium and Vitamin D Supplementation  
Award Start Date: 1/1/2016  Award End Date: 12/31/2019  
Total Years: 4  Total Award Amount: $308,000

Sukumari Ramesh, Sangeetha  MSc,PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide  
Institution: Augusta University  
City/State: Augusta, GA  
Project Title: Molecular mechanisms of astrocyte proliferation after intracerebral hemorrhage  
Award Start Date: 1/1/2014  Award End Date: 12/31/2017  
Total Years: 4  Total Award Amount: $308,000

Suleiman, Hani  PhD,MD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide  
Institution: Washington University, School of Medicine  
City/State: Saint Louis, MO  
Project Title: Super-resolution Imaging of the Contractile Apparatus of the Kidney Podocytes  
Award Start Date: 1/1/2017  Award End Date: 12/31/2019  
Total Years: 3  Total Award Amount: $231,000

Sun, Xinghui
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide  
Institution: University of Nebraska, Lincoln  
City/State: Lincoln, NE  
Project Title: Role of microRNA-181b in diabetic vascular injury and repair  
Award Start Date: 7/1/2015  Award End Date: 6/30/2019  
Total Years: 4  Total Award Amount: $308,000

Suresh, Nina  PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Midwest Affiliate  
Institution: Rehabilitation Institute of Chicago  
City/State: Chicago, IL  
Project Title: Tracking the evolution of spasticity in acute stroke  
Award Start Date: 7/1/2016  Award End Date: 6/30/2019  
Total Years: 3  Total Award Amount: $230,999

Swift, Damon  BA,MEd
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<th><strong>Program Type:</strong></th>
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<td><strong>Institution:</strong></td>
<td>East Carolina University</td>
<td><strong>City/State:</strong> Greenville, NC</td>
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<td><strong>Project Title:</strong></td>
<td>The Intervention Composed of Aerobic Training and Non-Exercise Physical Activity (I-CAN)</td>
<td><strong>Award Start Date:</strong> 7/1/2013</td>
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<td><strong>Award End Date:</strong></td>
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<td><strong>Institution:</strong></td>
<td>Scripps Research Institute</td>
<td><strong>City/State:</strong> La Jolla, CA</td>
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<td><strong>Project Title:</strong></td>
<td>Functional characterization of mechanically activated channels</td>
<td><strong>Award Start Date:</strong> 1/1/2017</td>
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<td><strong>Institution:</strong></td>
<td>Emory University, Atlanta</td>
<td><strong>City/State:</strong> Atlanta, GA</td>
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<td><strong>Project Title:</strong></td>
<td>A new near-infrared fluorescent imaging probe for specific detection of bacterial device infection</td>
<td><strong>Award Start Date:</strong> 1/1/2017</td>
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<td><strong>Award End Date:</strong></td>
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<td>Spaulding Rehabilitation Hospital, Boston</td>
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<td><strong>Project Title:</strong></td>
<td>Chronic Spinal Cord Injury and Short-Term Control of Cerebral Blood Flow in Humans</td>
<td><strong>Award Start Date:</strong> 1/1/2015</td>
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<td><strong>Project Title:</strong></td>
<td>Autonomic Mechanisms of Premature Ventricular Contraction-induced Cardiomyopathy</td>
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<td>Roles of cytomegalovirus proteins pp150 and pUL96 in virus maturation</td>
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Institution: Yale University  City/State: New Haven, CT  Project Title: Function and Mechanism of STK24-CCM3 Complex in CCM Pathogenesis  
Award Start Date: 7/1/2014  Award End Date: 6/30/2018  Total Years: 4  Total Award Amount: $308,000

Tanner, Bert PhD, BS  
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Association Wide  
Institution: Washington State University, Pullman  City/State: Pullman, WA  Project Title: Effects of myosin phosphorylation on length-dependent cross-bridge kinetics  
Award Start Date: 1/1/2017  Award End Date: 12/31/2019  Total Years: 3  Total Award Amount: $231,000

Tao, Ge BS, PhD  
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Association Wide  
Institution: Baylor College of Medicine, Houston  City/State: Houston, TX  Project Title: Thioredoxin 1 as a Pitx2 Interacting Protein during Cardiac Regeneration  
Award Start Date: 1/1/2017  Award End Date: 12/31/2019  Total Years: 3  Total Award Amount: $231,000

Tasoglu, Savas PhD  
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Founders Affiliate  
Institution: University of Connecticut, Storrs  City/State: Storrs, CT  Project Title: STROKE PREDICTION VIA SMART-PHONE BASED SICKLE CELL MONITORING  
Award Start Date: 7/1/2015  Award End Date: 6/30/2018  Total Years: 3  Total Award Amount: $230,440

Taub, Pam MD  
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Association Wide  
Institution: University of California, San Diego  City/State: La Jolla, CA  Project Title: Effects of epicatechin on patients with statin-induced mitochondrial dysfunction and impaired exercise capacity  
Award Start Date: 1/1/2015  Award End Date: 12/31/2018  Total Years: 4  Total Award Amount: $308,000

TAVORI, Hagai BSc, MSc  
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Association Wide  
Institution: Oregon Health & Science University, Portland  City/State: Portland, OR  Project Title: Macrophage apoAI and Atherosclerosis Regression  
Award Start Date: 1/1/2016  Award End Date: 12/31/2019  Total Years: 4  Total Award Amount: $307,804

Tawfik, Amany MD, MSc  
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Greater Southeast Affiliate  
Institution: Augusta University  City/State: Augusta, GA  Project Title: Retinal Endothelial Cell Barrier Dysfunction in Hyperhomocysteinemia; Potential Role in Diabetic Retinopathy  
Award Start Date: 1/1/2016  Award End Date: 6/30/2019  Total Years: 3  Total Award Amount: $231,000

Thenappan, Thenappan MD  
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Midwest Affiliate  
Institution: University of Minnesota, Minneapolis  City/State: Minneapolis, MN  Project Title: Safety and Efficacy of Beta-blockers in PAH  
Award Start Date: 7/1/2015  Award End Date: 6/30/2018  Total Years: 3  Total Award Amount: $214,500
American Heart Association
Awardees by Program Type
Last Update: February 2017

Thiel, William BS, PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: University of Iowa, Iowa City  City/State: Iowa City, IA  Project Title: Inhibition of Vascular Disease with Cell-Targeted RNA Aptamers  Award Start Date: 1/1/2014  Award End Date: 12/31/2017  Total Years: 4  Total Award Amount: $308,000

Tkachenko, Eugene PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: University of California, San Diego  City/State: La Jolla, CA  Project Title: Endothelial mechanotaxis during development  Award Start Date: 7/1/2014  Award End Date: 6/30/2018  Total Years: 4  Total Award Amount: $308,000

Torres-Oviedo, Gelsy PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Great Rivers Affiliate
Institution: University of Pittsburgh  City/State: Pittsburgh, PA  Project Title: Understanding patient-specific deficits causing step asymmetry post-stroke: a step towards personalizing rehabilitation  Award Start Date: 7/1/2015  Award End Date: 6/30/2018  Total Years: 3  Total Award Amount: $231,000

Trinity, Joel PhD,MA
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: University of Utah  City/State: Salt Lake City, UT  Project Title: Understanding the Exercise-Hypertension Paradox: Mechanisms Involved in the Exaggerated Exercise Pressor Reflex  Award Start Date: 1/1/2014  Award End Date: 12/31/2017  Total Years: 4  Total Award Amount: $308,000

Uchida, Masaki PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Indiana University, Bloomington  City/State: Bloomington, IN  Project Title: Development of ferritin-based nanoparticles for targeted imaging and therapy of atherosclerosis  Award Start Date: 7/1/2013  Award End Date: 6/30/2017  Total Years: 4  Total Award Amount: $308,000

Uppuluri, Priya PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Western States Affiliate
Institution: Los Angeles Biomedical Research Institute, Harbor-UCLA Medical Center  City/State: Torrance, CA  Project Title: High Content Screening for Small Molecule Inhibitors of Candida albicans Biofilm Dispersion  Award Start Date: 7/1/2016  Award End Date: 6/30/2019  Total Years: 3  Total Award Amount: $231,000

Usselman, Robert BA, PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Montana State University, Bozeman  City/State: Bozeman, MT  Project Title: Biophysical Mechanisms of Reactive Oxygen Species Bifurcation in Flavoenzymes  Award Start Date: 7/1/2015  Award End Date: 6/30/2019  Total Years: 4  Total Award Amount: $308,000
Valdez-Jasso, Daniela  BS,MS
Program Type: Scientist Development Grant/Portfolio  Funding Source: Midwest Affiliate
Institution: University of Illinois at Chicago  City/State: Chicago, IL  Project Title: Ventrículo-vascular coupling in PAH: Significance of large-vessel remodeling on cardiac and pulmonary vascular function  Award Start Date: 7/1/2016  Award End Date: 6/30/2019  Total Years: 3  Total Award Amount: $228,323

VALLIM, Thomas PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: University of California, Los Angeles  City/State: Los Angeles, CA  Project Title: microRNA-mediated control of lipid metabolism and atherosclerosis  Award Start Date: 1/1/2014  Award End Date: 12/31/2017  Total Years: 4  Total Award Amount: $308,000

Varadarajan, Sudhahar BSc,MSc
Program Type: Scientist Development Grant/Portfolio  Funding Source: Midwest Affiliate
Institution: University of Illinois at Chicago  City/State: Chicago, IL  Project Title: Protective Role of Cu transporter ATP7A in Aortic Aneurysm formation  Award Start Date: 7/1/2015  Award End Date: 6/30/2018  Total Years: 3  Total Award Amount: $214,500

Vasquez, Valeria BS,PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: University of Tennessee Health Science Center Memphis  City/State: Memphis, TN  Project Title: Understanding the Role of Piezo1 Channels in Vascular Physiology  Award Start Date: 1/1/2016  Award End Date: 12/31/2019  Total Years: 4  Total Award Amount: $308,000

Vediyappan, Govindsamy PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Kansas State University, Manhattan  City/State: Manhattan, KS  Project Title: Candida albicans hyphal growth and virulence inhibition  Award Start Date: 1/1/2014  Award End Date: 12/31/2017  Total Years: 4  Total Award Amount: $308,000

Veeraraghavan, Rengasayee BS,PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Mid-Atlantic Affiliate
Institution: Virginia Polytechnic Institute  City/State: Blacksburg, VA  Project Title: Modulation of cardiomyocyte ultrastructure by vascular barrier function - a novel mechanism for atrial arrhythmias  Award Start Date: 7/1/2016  Award End Date: 6/30/2019  Total Years: 3  Total Award Amount: $231,000

Venditto, Vincent PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: University of Kentucky, Lexington  City/State: Lexington, KY  Project Title: Understanding the role of autoantibodies targeting ApoA-I  Award Start Date: 1/1/2017  Award End Date: 12/31/2019  Total Years: 3  Total Award Amount: $231,000

Venkata, Subramanyam BS,MS
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
American Heart Association
Awardees by Program Type
Last Update: February 2017

Institution: Columbia University, New York  City/State: New York, NY  Project Title: Mechanisms underlying dysfunctional CaV1.2 and NaV1.5 function during Brugada syndrome in the heart  Award Start Date: 7/1/2015  Award End Date: 6/30/2019  Total Years: 4  Total Award Amount: $308,000

Venna, Venugopal Reddy PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: The University of Texas Health Science Center at Houston  City/State: Houston, TX  Project Title: Role of MIF in depression and post-stroke recovery  Award Start Date: 1/1/2015  Award End Date: 12/31/2018  Total Years: 4  Total Award Amount: $308,000

Verma, Suresh PhD,MSc
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Temple University  City/State: Philadelphia, PA  Project Title: IL-10 negatively regulates fibroblast progenitor cells mediated pathological fibrosis  Award Start Date: 7/1/2014  Award End Date: 6/30/2018  Total Years: 4  Total Award Amount: $308,000

Vincentz, Joshua PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Indiana University, Indianapolis  City/State: Indianapolis, IN  Project Title: Hand transcription factors in cardiac outflow tract development and congenital heart disease  Award Start Date: 1/1/2016  Award End Date: 12/31/2019  Total Years: 4  Total Award Amount: $308,000

WAN, Qun PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Rensselaer Polytechnic Institute  City/State: Troy, NY  Project Title: Engineering Chiral Morphogenesis for Studying Asymmetric Cardiac Looping  Award Start Date: 7/1/2013  Award End Date: 6/30/2017  Total Years: 4  Total Award Amount: $308,000

Wang, Jie-Mei MD,PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Wayne State University  City/State: Detroit, MI  Project Title: MicroRNA regulation of endothelial progenitor cell apoptosis in diabetic wound healing  Award Start Date: 7/1/2013  Award End Date: 6/30/2017  Total Years: 4  Total Award Amount: $308,000

Wang, Zhao PhD,MS
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: University of Texas Southwestern Medical Center  City/State: Dallas, TX  Project Title: Xbp1s protects heart from ischemia/reperfusion injury through activation of the hexosamine biosynthetic pathway  Award Start Date: 1/1/2014  Award End Date: 12/31/2017  Total Years: 4  Total Award Amount: $308,000

Wang, Jun MS,BS
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Baylor College of Medicine, Houston  City/State: Houston, TX  Project Title: a miRNA-Hippo pathway in development and regeneration of the cardiac conduction system  Award Start Date: 7/1/2014  Award End Date: 6/30/2018  Total Years: 4  Total Award Amount: $308,000
American Heart Association  
Awardees by Program Type  
Last Update: February 2017

Wang, Dong, PhD, MD  
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Association Wide  
Institution: University of Tennessee Health Science Center Memphis  
City/State: Memphis, TN  
Project Title: The Corin-ANP Axis in Myocardial Infarction and Ischemic Cardiomyopathy  
Award Start Date: 7/1/2014  
Award End Date: 6/30/2018  
Total Years: 4  
Total Award Amount: $308,000

Wang, Jinhu, BS, PhD  
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Association Wide  
Institution: Duke University Durham  
City/State: Durham, NC  
Project Title: Dissecting the directional regeneration of ventricular epicardium  
Award Start Date: 7/1/2015  
Award End Date: 6/30/2019  
Total Years: 4  
Total Award Amount: $308,000

Watanabe, Shinya, PhD  
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Founders Affiliate  
Institution: University of Massachusetts Medical School  
City/State: Worcester, MA  
Project Title: Molecular mechanism of histone variant H2A.Z deposition by chromatin remodeling factors  
Award Start Date: 7/1/2016  
Award End Date: 6/30/2019  
Total Years: 3  
Total Award Amount: $231,000

Wauson, Eric, PhD  
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Midwest Affiliate  
Institution: Des Moines University Osteopathic Medical Center  
City/State: Des Moines, IA  
Project Title: Modulation of the function of the GPCR T1R1/T1R3 for the treatment of cardiovascular disease  
Award Start Date: 7/1/2015  
Award End Date: 6/30/2018  
Total Years: 3  
Total Award Amount: $211,903

Webb, Antonio, BS, MS  
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Association Wide  
Institution: University of Florida, Gainesville  
City/State: Gainesville, FL  
Project Title: A novel drug eluting stent for targeted inhibition of neointimal hyperplasia and accelerated re-endothelialization  
Award Start Date: 7/1/2013  
Award End Date: 6/30/2017  
Total Years: 4  
Total Award Amount: $308,000

Wei, Wei-qi, MD, PhD  
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Association Wide  
Institution: Vanderbilt University Medical Center  
City/State: Nashville, TN  
Project Title: Exploring Statin Pleiotropic Effects within a Very Large EHR Cohort  
Award Start Date: 1/1/2016  
Award End Date: 12/31/2019  
Total Years: 4  
Total Award Amount: $308,000

Weiner, Rory, MD  
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Association Wide  
Institution: Massachusetts General Hospital  
City/State: Boston, MA  
Project Title: Exercise-Induced Concentric Left Ventricular Hypertrophy: Pathophysiologic Implications and Potential Reversibility  
Award Start Date: 1/1/2015  
Award End Date: 12/31/2018  
Total Years: 4  
Total Award Amount: $308,000

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<td><strong>Institution:</strong> Emory University, Atlanta <strong>City/State:</strong> Atlanta, GA <strong>Project Title:</strong> Selective regulation of distal nephron sodium handling by calcineurin isoforms <strong>Award Start Date:</strong> 1/1/2016 <strong>Award End Date:</strong> 6/30/2020</td>
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<td><strong>Institution:</strong> Boston Children's Hospital <strong>City/State:</strong> Boston, MA <strong>Project Title:</strong> Single-molecule Regulation by Force of Von Willebrand Factor Function <strong>Award Start Date:</strong> 7/1/2013 <strong>Award End Date:</strong> 6/30/2017</td>
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<td><strong>Institution:</strong> University of Pittsburgh <strong>City/State:</strong> Pittsburgh, PA <strong>Project Title:</strong> Cardiovascular Magnetic Resonance Assessment of Diffuse Myocardial Fibrosis in Hypertrophic Cardiomyopathy <strong>Award Start Date:</strong> 1/1/2014 <strong>Award End Date:</strong> 12/31/2017</td>
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<td><strong>Institution:</strong> University of Minnesota, Minneapolis <strong>City/State:</strong> Minneapolis, MN <strong>Project Title:</strong> Self-assembly of tissue engineered vasculature in vitro <strong>Award Start Date:</strong> 7/1/2013 <strong>Award End Date:</strong> 6/30/2017</td>
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<td><strong>Institution:</strong> University of South Carolina, Columbia <strong>City/State:</strong> Columbia, SC <strong>Project Title:</strong> Cytokines in monoaminergic nuclei regulating susceptibility to a depressive- and cardiovascular disease-like phenotype <strong>Award Start Date:</strong> 1/1/2015 <strong>Award End Date:</strong> 12/31/2018</td>
</tr>
<tr>
<td><strong>Total Years:</strong> 4 <strong>Total Award Amount:</strong> $308,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Woodward, Owen PhD,BA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Program Type:</strong> Scientist Development Grant/Portfolio <strong>Funding Source:</strong> Association Wide</td>
</tr>
</tbody>
</table>
American Heart Association
Awardees by Program Type
Last Update: February 2017

Institution: University of Maryland, Baltimore  City/State: Baltimore, MD  Project Title: Regulation of uric acid transporter ABCG2 in the kidney  Award Start Date: 1/1/2014  Award End Date: 12/31/2017  Total Years: 4  Total Award Amount: $308,000

Wu, Mingfu  PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Albany Medical Center  City/State: Albany, NY  Project Title: Numb Family Proteins Regulate Trabecular Development  Award Start Date: 7/1/2013  Award End Date: 6/30/2017  Total Years: 4  Total Award Amount: $308,000

Wu, Rongxue  PhD,MD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: University of Chicago  City/State: Chicago, IL  Project Title: Functional characterization of ARNT/HIF1beta in cardiovascular disease  Award Start Date: 7/1/2013  Award End Date: 6/30/2017  Total Years: 4  Total Award Amount: $308,000

Wu, Hao  PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Boston Children's Hospital  City/State: Boston, MA  Project Title: Role of Epsins in Sepsis  Award Start Date: 1/1/2017  Award End Date: 12/31/2019  Total Years: 3  Total Award Amount: $231,000

Xian, Ying  PhD,MD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Duke University Medical Center  City/State: Durham, NC  Project Title: Off-Guideline Thrombolysis in Stroke Patients with Recent Prior Stroke, MI, Major Surgery, or Prior Stroke plus Diabetes  Award Start Date: 7/1/2014  Award End Date: 6/30/2018  Total Years: 4  Total Award Amount: $308,000

xiang, binggang  MD,PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Great Rivers Affiliate
Institution: University of Kentucky, Lexington  City/State: Lexington, KY  Project Title: The role of platelets in sepsis and systemic inflammation  Award Start Date: 7/1/2014  Award End Date: 6/30/2017  Total Years: 3  Total Award Amount: $231,000

Xing, Changhong  BS,MS
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Massachusetts General Hospital  City/State: Boston, MA  Project Title: Neuronal production of lipocalin-2 as a help-me signal for gliovascular activation  Award Start Date: 7/1/2015  Award End Date: 6/30/2019  Total Years: 4  Total Award Amount: $308,000

Xu, Xin  PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: University of Alabama at Birmingham  City/State: Birmingham, AL  Project Title: A Novel Mechanism of Pulmonary Hypertension Induced by the Matrikine Acetylated Proline-Glycine-Proline (Ac-PGP)  Award Start Date: 1/1/2016  Award End Date: 6/30/2020  Total Years: 4  Total Award Amount: $308,000
Yajima, Mamiko  BA,MA
Program Type:  Scientist Development Grant/Portfolio  Funding Source:  Association Wide
Institution:  Brown University  City/State:  Providence, RI  Project Title:  Single Nucleotide Genome Modifications in Oocytes  Award Start Date:  1/1/2014  Award End Date:  12/31/2017  Total Years:  4  Total Award Amount:  $308,000

Yamaleyeva, Liliya  MS,MD
Program Type:  Scientist Development Grant/Portfolio  Funding Source:  Association Wide
Institution:  Wake Forest University  City/State:  Winston Salem, NC  Project Title:  The Role of ACE2 in Pregnancy  Award Start Date:  7/1/2013  Award End Date:  6/30/2017  Total Years:  4  Total Award Amount:  $308,000

Yan, Lirong  PhD
Program Type:  Scientist Development Grant/Portfolio  Funding Source:  Western States Affiliate
Institution:  University of Southern California  City/State:  Los Angeles, CA  Project Title:  Characterization of collateral flow and hemodynamics in intracranial atherosclerosis using arterial spin labeling MRI  Award Start Date:  7/1/2016  Award End Date:  6/30/2019  Total Years:  3  Total Award Amount:  $231,000

Yang, Yisheng  MD,PhD
Program Type:  Scientist Development Grant/Portfolio  Funding Source:  Association Wide
Institution:  MetroHealth Medical Center  City/State:  Cleveland, OH  Project Title:  Defining the Role of Diabetes-associated Transcription Factor Glis 3 in Macrophage Activation and Atherogenesis  Award Start Date:  7/1/2013  Award End Date:  6/30/2017  Total Years:  4  Total Award Amount:  $308,000

Yang, Xia  PhD
Program Type:  Scientist Development Grant/Portfolio  Funding Source:  Association Wide
Institution:  University of California, Los Angeles  City/State:  Los Angeles, CA  Project Title:  Identify and validate tissue-specific gene networks and regulators of coronary artery disease using integrative genomics  Award Start Date:  7/1/2013  Award End Date:  6/30/2017  Total Years:  4  Total Award Amount:  $307,773

Yang, Ling  PhD
Program Type:  Scientist Development Grant/Portfolio  Funding Source:  Association Wide
Institution:  University of Iowa, Iowa City  City/State:  Iowa City, IA  Project Title:  Integration of Inflammatory Signaling and the Unfolded Protein Response by Nitrosylation Signaling in Obesity  Award Start Date:  7/1/2015  Award End Date:  6/30/2019  Total Years:  4  Total Award Amount:  $308,000

Yang, Xiaoyan  PhD,MD
Program Type:  Scientist Development Grant/Portfolio  Funding Source:  Association Wide
Institution:  Northwestern University, Chicago  City/State:  Chicago, IL  Project Title:  The role of the cytoplasmic deacetylase, Sirtuin2: a novel regulator of cardiotoxicity in heart failure  Award Start Date:  1/1/2017  Award End Date:  12/31/2019  Total Years:  3  Total Award Amount:  $231,000

Yao, Peng  PhD
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Association Wide
Institution: Cleveland Clinic Foundation  
City/State: Cleveland, OH  
Project Title: Stress-responsive VEGF-A RNA switch  
Award Start Date: 7/1/2013  
Award End Date: 6/30/2017  
Total Years: 4  
Total Award Amount: $308,000

Yao, Yao  BS, MS
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Midwest Affiliate
Institution: University of Minnesota, Minneapolis  
City/State: Minneapolis, MN  
Project Title: Pericytic laminin regulates pericyte differentiation and blood vessel integrity in the brain  
Award Start Date: 7/1/2016  
Award End Date: 6/30/2019  
Total Years: 3  
Total Award Amount: $231,000

Yazdani, Saami  PhD
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Association Wide
Institution: University of South Alabama, Mobile  
City/State: Mobile, AL  
Project Title: A Novel Drug Delivery System to Treat Peripheral Arterial Disease  
Award Start Date: 7/1/2015  
Award End Date: 6/30/2019  
Total Years: 4  
Total Award Amount: $306,599

Yiannikouris, Frederique  PhD
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Association Wide
Institution: University of Kentucky, Lexington  
City/State: Lexington, KY  
Project Title: Adipocyte PRR contributes to obesity induced hypertension and insulin resistance.  
Award Start Date: 7/1/2013  
Award End Date: 6/30/2017  
Total Years: 4  
Total Award Amount: $308,000

Ying, Zhekang  PhD, MSc
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Association Wide
Institution: University of Maryland, Baltimore  
City/State: Baltimore, MD  
Project Title: The role of IKK2 in blood pressure regulation: is IKK2 a MLC kinase?  
Award Start Date: 7/1/2013  
Award End Date: 6/30/2017  
Total Years: 4  
Total Award Amount: $308,000

Yoshida, Tadashi  BS, MS
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Association Wide
Institution: University of Missouri, Columbia  
City/State: Columbia, MO  
Project Title: Renin-angiotensin system-mediated regulation of skeletal muscle regeneration in chronic diseases  
Award Start Date: 7/1/2015  
Award End Date: 6/30/2019  
Total Years: 4  
Total Award Amount: $308,000

Yu, Zhanyang  BS, MS
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Founders Affiliate
Institution: Massachusetts General Hospital  
City/State: Boston, MA  
Project Title: Upregulating neuroglobin as a novel strategy targeting neuroprotection and neural regeneration in stroke  
Award Start Date: 7/1/2015  
Award End Date: 6/30/2018  
Total Years: 3  
Total Award Amount: $231,000

Yu, Wendou  PhD
Program Type: Scientist Development Grant/Portfolio  
Funding Source: Association Wide
<table>
<thead>
<tr>
<th>Institution</th>
<th>City/State</th>
<th>Project Title</th>
<th>Award Start Date</th>
<th>Award End Date</th>
<th>Total Years</th>
<th>Total Award Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Miami, Miami</td>
<td>Coral Gables, FL</td>
<td>Role of MEF2D in Neuroprotection Following Stroke</td>
<td>7/1/2015</td>
<td>6/30/2019</td>
<td>4</td>
<td>$308,000</td>
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<tr>
<td>Stanford University School of Medicine, Palo Alto</td>
<td>Palo Alto, CA</td>
<td>Role of Wnt/β-catenin signaling in the pathobiology of Pulmonary Arterial Hypertension</td>
<td>7/1/2015</td>
<td>6/30/2019</td>
<td>4</td>
<td>$308,000</td>
</tr>
<tr>
<td>Washington University</td>
<td>Saint Louis, MO</td>
<td>Structure, Function and Pharmacology of a Cardiovascular TRP Channel</td>
<td>1/1/2017</td>
<td>12/31/2019</td>
<td>3</td>
<td>$231,000</td>
</tr>
<tr>
<td>University of Pittsburgh</td>
<td>Pittsburgh, PA</td>
<td>Targeting the Heart Utilizing a Novel Cell Penetrating Peptide</td>
<td>1/1/2017</td>
<td>12/31/2019</td>
<td>3</td>
<td>$231,000</td>
</tr>
<tr>
<td>University of Oklahoma Health Sciences Center</td>
<td>Oklahoma City, OK</td>
<td>The role of hypoxia in expression of the inflammation-associated cytokine interleukin-22 (IL-22)</td>
<td>1/1/2014</td>
<td>12/31/2017</td>
<td>4</td>
<td>$308,000</td>
</tr>
<tr>
<td>Chapman University</td>
<td>Orange, CA</td>
<td>Molecular overlap in the regulation of SK channels by small molecules and phosphoinositides</td>
<td>7/1/2013</td>
<td>6/30/2017</td>
<td>4</td>
<td>$308,000</td>
</tr>
<tr>
<td>Yale University</td>
<td>New Haven, CT</td>
<td>Function of CCM3 in pericyte/SMC: Mechanism and Disease Model</td>
<td>7/1/2013</td>
<td>6/30/2017</td>
<td>4</td>
<td>$308,000</td>
</tr>
<tr>
<td>Texas A&amp;M University System Health Science Center, Temple</td>
<td>Temple, TX</td>
<td>Calcium Release-Activated Calcium Channels: Gating Mechanism, Peptide Blocker, and Putative Role in</td>
<td></td>
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</tr>
</tbody>
</table>
American Heart Association
Awardees by Program Type
Last Update: February 2017

Vasoconstriction  Award Start Date: 7/1/2013  Award End Date: 6/30/2017  Total Years: 4  Total Award Amount: $308,000

zhang, Bing BA,MD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Boston Children's Hospital  City/State: Boston, MA  Project Title: ETS1 Regulation of Endothelial Gene Transcription  Award Start Date: 7/1/2014  Award End Date: 6/30/2018  Total Years: 4  Total Award Amount: $308,000

Zhang, Xiaoying PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Temple University  City/State: Philadelphia, PA  Project Title: Protein kinase A, protein synthesis and cardiac hypertrophy  Award Start Date: 7/1/2015  Award End Date: 6/30/2019  Total Years: 4  Total Award Amount: $308,000

Zhang, Yi PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Midwest Affiliate
Institution: Henry Ford Health System  City/State: Detroit, MI  Project Title: Exosomes derived from mesenchymal stromal cells promote axonal growth after stroke  Award Start Date: 7/1/2016  Award End Date: 6/30/2019  Total Years: 3  Total Award Amount: $231,000

Zhang, Li BS,MS
Program Type: Scientist Development Grant/Portfolio  Funding Source: Western States Affiliate
Institution: University of California, Los Angeles  City/State: Los Angeles, CA  Project Title: Novel ubiquitination pathways in cholesterol homeostasis  Award Start Date: 7/1/2016  Award End Date: 6/30/2019  Total Years: 3  Total Award Amount: $231,000

Zhao, Qi MD,PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Tulane University, New Orleans  City/State: New Orleans, LA  Project Title: A Genome-wide Approach for Identifying Genetic Variants that Interact with Body Mass Index to Influence Blood Pressure  Award Start Date: 7/1/2013  Award End Date: 6/30/2017  Total Years: 4  Total Award Amount: $305,621

Zhou, Junlan PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Northwestern University, Chicago  City/State: Chicago, IL  Project Title: Src Family Kinase and Progenitor cell-mediated Cardiac Repair  Award Start Date: 7/1/2013  Award End Date: 6/30/2017  Total Years: 4  Total Award Amount: $308,000

Zhu, Weifei BS,MS
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Cleveland Clinic Foundation  City/State: Cleveland, OH  Project Title: Gut flora, platelet function, and thrombosis risk  Award Start Date: 1/1/2014  Award End Date: 12/31/2017  Total Years: 4  Total Award Amount: $308,000
American Heart Association
Awardees by Program Type
Last Update: February 2017

Zhu, Xuewei  MBBS,MS
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Wake Forest University Baptist Medical Center  City/State: Winston Salem, NC  Project Title: Dietary PUFAs, NLRP3 Inflammasome and Atherosclerosis  Award Start Date: 1/1/2015  Award End Date: 12/31/2018  Total Years: 4  Total Award Amount: $308,000

Zhu, Wuqiang
Program Type: Scientist Development Grant/Portfolio  Funding Source: Greater Southeast Affiliate
Institution: University of Alabama at Birmingham  City/State: Birmingham, AL  Project Title: Enhancing post-infarction myogenesis via transplantation of cyclin D2 expressing iPSC-derived cardiomyocytes  Award Start Date: 7/1/2016  Award End Date: 6/30/2019  Total Years: 3  Total Award Amount: $231,000

Zimmer, Sara  BS,BS
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: University of Minnesota, Minneapolis  City/State: Minneapolis, MN  Project Title: Life stage specific regulation of mitochondrial gene expression in Trypanosoma cruzi  Award Start Date: 1/1/2016  Award End Date: 6/30/2020  Total Years: 4  Total Award Amount: $308,000

Zinselmeyer, Bernd H.  PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Midwest Affiliate
Institution: Washington University  City/State: Saint Louis, MO  Project Title: EVALUATE RESIDENT INTIMAL MACROPHAGE FUNCTION AND SPATIAL-DYNAMICS IN AtherosclERotic Plaque  Award Start Date: 7/1/2016  Award End Date: 6/30/2019  Total Years: 3  Total Award Amount: $231,000

Zoldan, Janet  PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: The University of Texas at Austin  City/State: Austin, TX  Project Title: Ischemia Therapy via Temporally Controlled Differentiation of Induced Pluripotent Stem Cells into Vascular Networks  Award Start Date: 7/1/2015  Award End Date: 6/30/2019  Total Years: 4  Total Award Amount: $308,000

Zubcevic, Jasenka  BSC,PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: University of Florida, Gainesville  City/State: Gainesville, FL  Project Title: Altered sympathetic activity to the bone marrow in neurogenic hypertension  Award Start Date: 1/1/2014  Award End Date: 12/31/2017  Total Years: 4  Total Award Amount: $308,000

Zuloaga, Kristen  BA,PhD
Program Type: Scientist Development Grant/Portfolio  Funding Source: Association Wide
Institution: Neural Stem Cell Institute, Regenerative Research Foundation  City/State: Rensselaer, NY  Project Title: ROLE OF AROMATASE IN VASCULAR COGNITIVE IMPAIRMENT IN PREDIABETIC MICE  Award Start Date: 1/1/2016  Award End Date: 12/31/2019  Total Years: 4  Total Award Amount: $308,000